

# SOUTHERN ARCHITECT *and* BUILDING NEWS

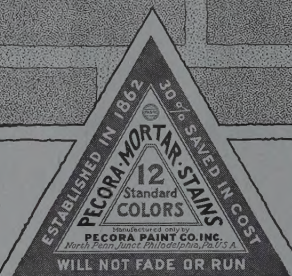
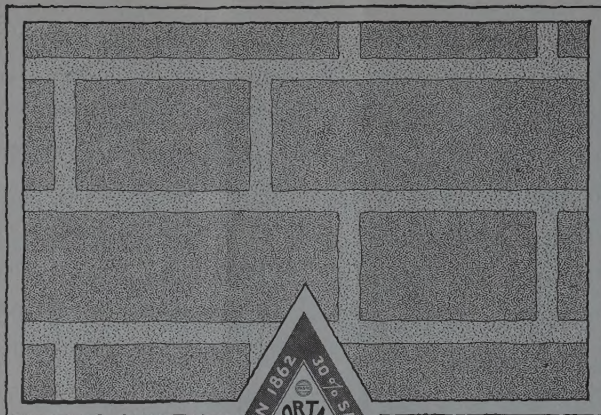
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FEBRUARY

1927





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PRODUCTS**  
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used where  
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is the first  
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in 12 standard colors, are offered in heavy paste (or pulp) form—to be mixed with white mortar.

After many years of research, our organization became able to produce absolutely fade proof mortar stain, and Time has proved that Pecora Mortar Stains also actually strengthen the mortar joint.

*We want any architect who has not used our product to give it a trial on a small job. Then he will be sure to specify it for his large jobs.*



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Enamels

Established 1862 by  
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Plastics  
Varnishes

Incorporated  
1911



# Oak Flooring

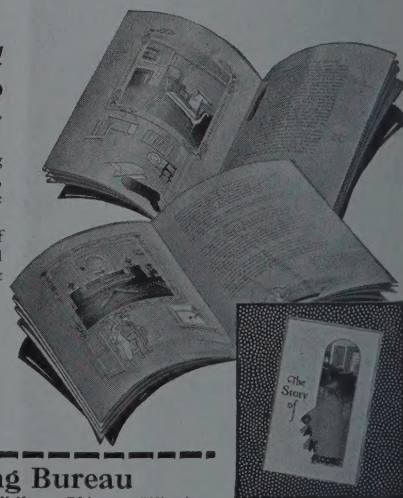
**“entirely satisfactory after  
several years of hard wear”**

So writes the manager of the Eastwood Beach Hotel Apartments, Chicago, and adds “the floor in the ballroom is subjected to unusually severe treatment in that it is used in the daytime as a place to wash rugs, and has been soaked with solutions of soap and water. It has never failed, in spite of such treatment, to attain a beautiful glossy surface when needed for dancing.”

Oak floors answer all the requirements of permanence, cleanliness, harmony and beauty of appearance, and reasonable cost.

## Technical Service to Architects

To assist in solving flooring problems, we prepare literature mailed on request, and maintain a staff of experts who will serve you without obligation.



## Oak Flooring Bureau

837 Hearst Building, Chicago, Illinois

Please send me “The Story of Oak Floors.”

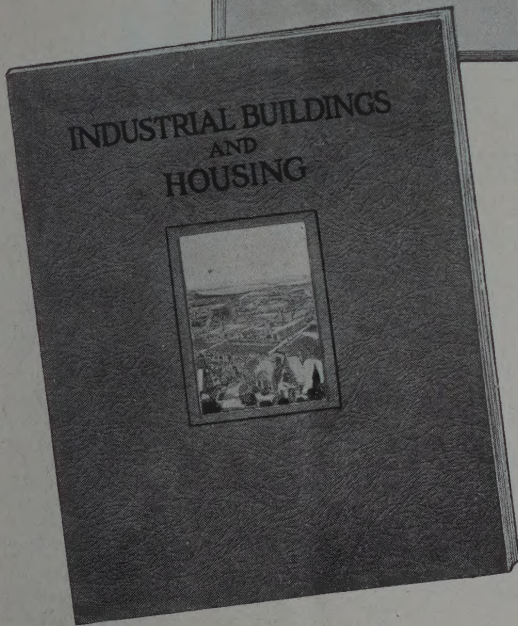
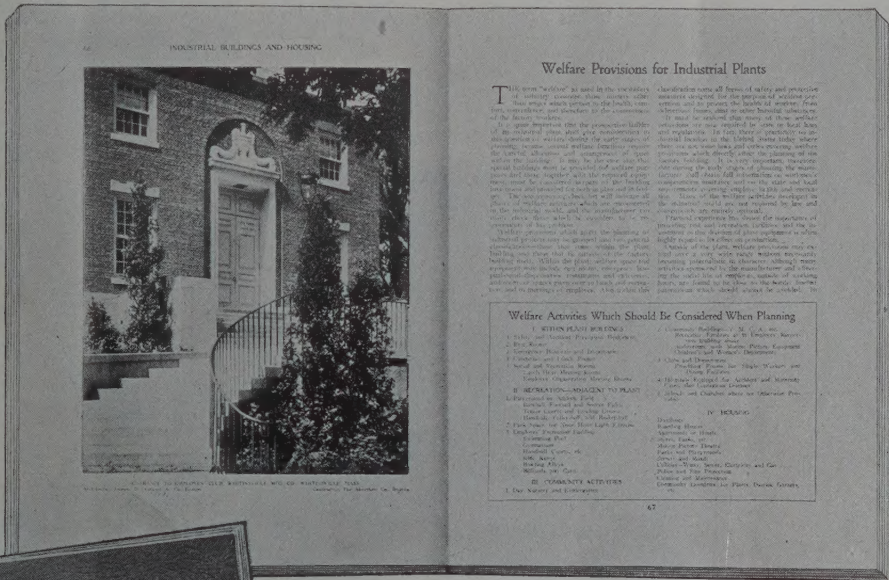
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# "Industrial Buildings and Housing" An Important New Book of Unusual Merit



(The Dealer Who Displays this Sign  
Carries the Best Quality in Face Brick)



THIS valuable new book on "Industrial Buildings and Housing" provides a wealth of usable material, for the architect who is engaged in designing modern industrial buildings.

The extremely interesting and detailed treatment of this timely subject is indicated by the following chapter headings selected from the table of contents: "The Romance of the Factory," "Modern American Types of Factory Architecture," "Welfare Provisions for Industrial Plants," "Planning and Building the Factory," "Practical Houses for Industrial Employees."

This profusely illustrated work is sent for two dollars.

AMERICAN FACE BRICK ASSOCIATION

1758 Peoples Life Building, Chicago, Illinois



# AN ATTRACTIVE

*Before*



*After*



## Putting Value Into Business Property

*Are windows important?*  
What percentage of your trade would be lost if windows drew no customers at all?

A questionnaire recently sent out to leading retailers whose attractive windows have brought them reputes brought 350 replies. Without giving in detail their enthusiastic comments on the value of good windows, their answers may be summed up as follows: The business influenced by their windows ranges from 10% to 80% of total sales, with 33% average.

These men have gone into this matter carefully. Most of them have made actual count. They are too wise to make an investment that does not bring a good return. And the fact that year after year they are spending more on their windows shows of what importance they deem the store front.

The next time a retailer questions the advisability of putting in the best store front he can find, let him have those carefully checked figures.



# IS GLORIFIED BY



# WINDOW DISPLAY



*Before*

*After*

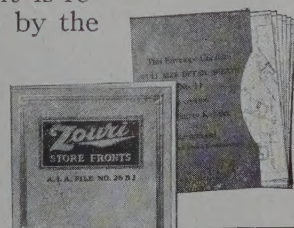


A Zouri Store Front has an individuality impossible to mistake. It is dignified and substantially beautiful. Structural rigidity gives it freedom from distortion. When set, and during setting, glass encased in a Zouri frame is safe from shock, pressure, wind, settling and breakage. Key-set construction, the self-adjusting setting block, and the reinforcing bracket insure a Zouri owner against loss.

Zouri's reputation as a quality store-front is responsible for its present broad distribution by the largest organization in the field.

## *Useful detail sheets and data book*

This handbook has been written for architects, contractors and builders. It deals primarily with construction and gives plans and diagrams showing best approved methods of window and display space arrangement. The detail drawings will be welcomed by specification writers. A word from you will bring them—promptly.



# Zouri Drawn Metals Company

Factory and General Offices

1608 East End Avenue, Chicago Heights, Illinois

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# PROPER FRAMING





## More Light Where Most Needed

GuthLite represents the first big advance in years in commercial illumination. A *super-illuminator* in which diffused light is controlled, giving more light where most needed.

Adjustable reflector controls the direction of light vertically and horizontally, also the volume of light for ceiling illumination.

Totally enclosed. Wide light distri-

bution. Uniform intensity. Low brightness at the source. Quick, easy removal of the globe for cleaning and relamping.

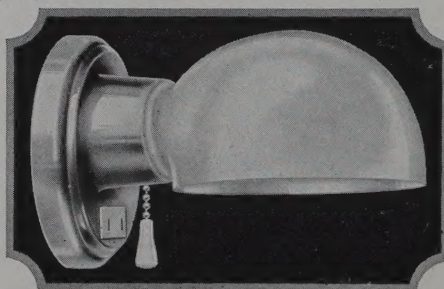
Beauty of design is here combined with remarkable efficiency. Proclaimed the greatest invention since Brascolite.

Plain and decorative types, priced surprisingly low. Write for descriptive literature.

### The New and Improved **AGLITE** Porcelain Enameled Unit

The symmetry, compactness and permanence of the new, improved Aglite have made it the most widely used illuminator of its type.

Always clean. Always like new. Three coats of *permanent* porcelain enamel fused on at 1,600 degrees. Will not discolor, rust or



tarnish. Standard colors: white or ivory.

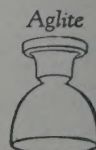
Now made with porcelain tassel pull chain. Convenience outlet for attaching electrical appliances, if desired. Saves cost of wiring for separate wall or baseboard outlet. Write for literature and new low prices.



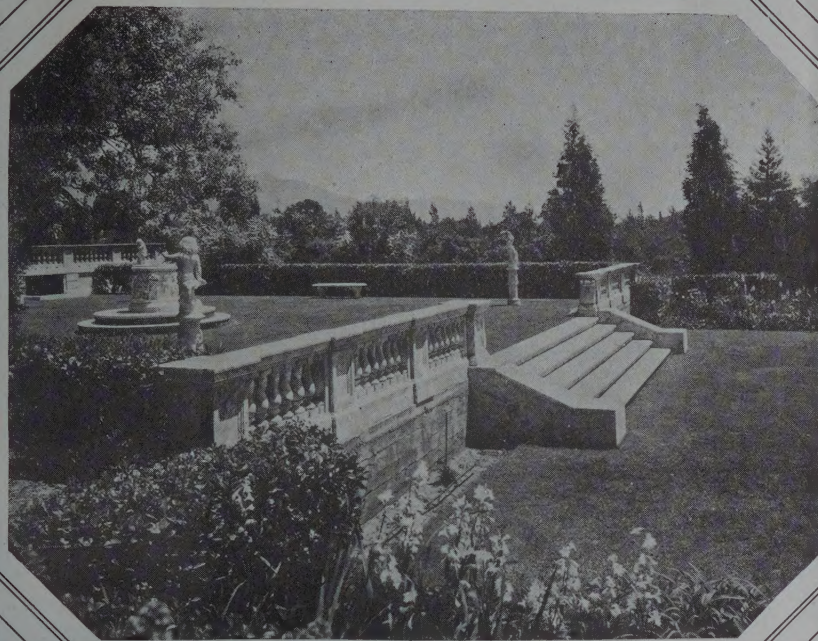
**The EDWIN E. GUTH COMPANY**

DESIGNERS - ENGINEERS - MANUFACTURERS

*Lighting Equipment*  
ST. LOUIS, U.S.A.







Garden—Estate of W. K. Jewett,  
Pasadena, Cal.

## *“She Walks in Beauty”*

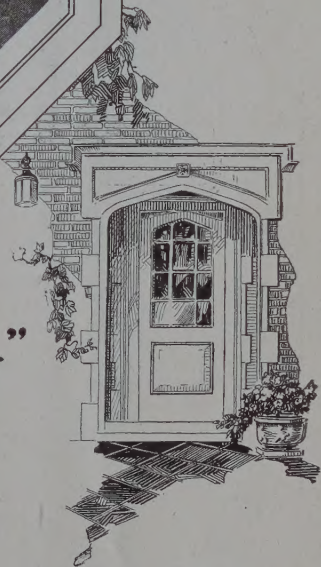
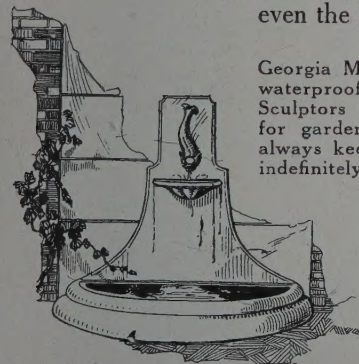
**L**OVELY is the contrast in the formal garden of white marble against green foliage and the bright coloring of flowers.

The charm of the sundial in the garden walk, the beauty of a fountain amid the flowers, or the restful quiet of a marble bench in some secluded corner of the garden, these are the crowning touches that accentuate even the beauty of the flowers.

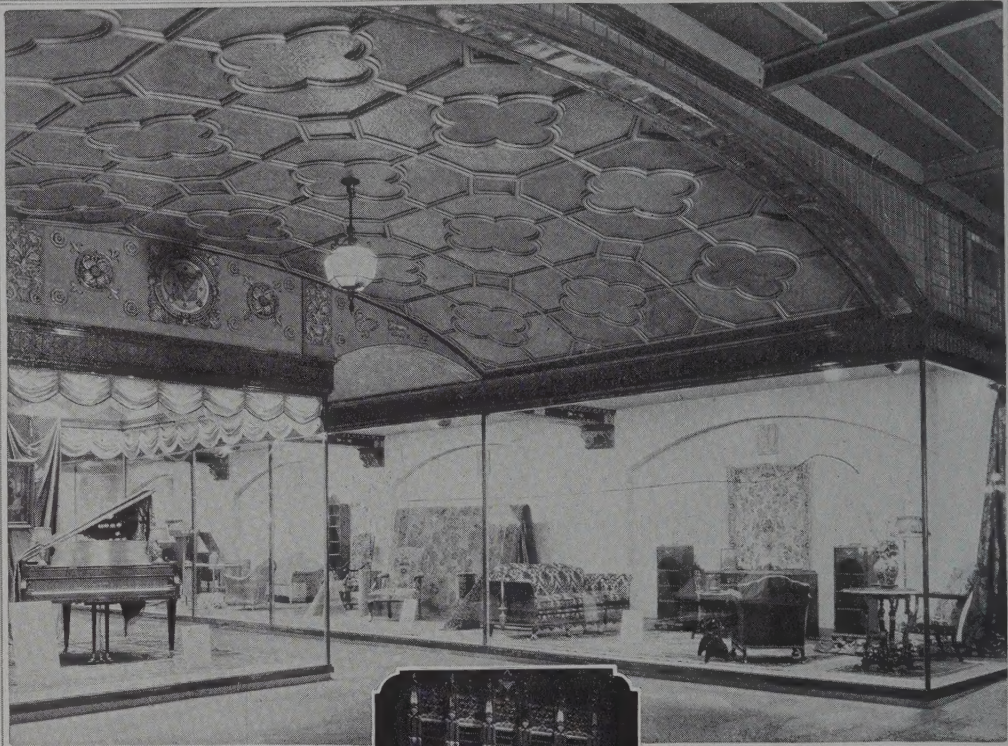
Georgia Marble is most practical for these uses because it is waterproof, and will not stain or grow unsightly with time. Sculptors of wide renown have chosen this beautiful marble for garden fountains, secure in the knowledge that it will always keep its finely chiselled edges, and its original beauty indefinitely.

# GEORGIA MARBLE

The Georgia Marble Co.    Tate, Ga.

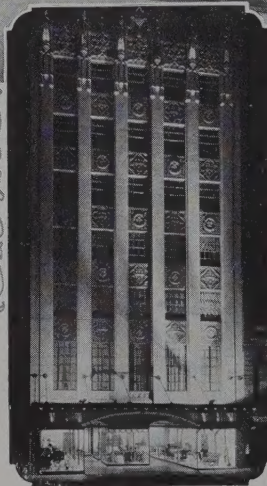






G. A. Ensenberger and  
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A. L. Pillsbury, Archt.  
P. R. Hooton, E. Roozen, Assoc's.  
Simmons-Dick Co., Contr.



The large, costly plates of glass in this beautiful store front are safely set in KAWNEER SOLID COPPER STORE FRONT CONSTRUCTION. Many of our architectural copper mouldings were used in the development of its design.


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# Quiet



**T**HE exclusive use of this remarkable new hinge in modern hospitals and in the sleeping quarters of first-class hotels and clubs will be considered essential.

Announcement of the McKinney Friction Control hinge resulted in so many inquiries that McKinney is presenting herewith the salient points of this new hinge. It is quite possible that architects will find many uses for this amazing hinge in addition to those for which it was specifically designed.

\* \* \*

The McKinney Friction Control hinge first of all insures quiet door operation. The door swings on what are apparently ordinary butt-hinges, but it does not swing free. A pre-determined pressure is necessary to change the door's position. When it moves it does so noiselessly.

The door cannot slam and the hinge will not squeak.

This is brought about by a friction-resistance in the hinge design which does not lessen because of its internal lubrication and which remains practically uniform after years of service.

With this control the strongest conceivable push or slam is lost against the relentless resistance of the hinge, and yet so strange are the operations of forces that to close the door in a normal way is a perfectly easy and effortless proceeding.

The tension which determines the friction-resistance is obtained by applying friction vertically to the center or movable joint of the hinge between two

## The MCKINNEY friction control hinge

phosphor-bronze washers, which form perfect bearings for the steel.

Concealed within the lower tip is the pressure screw—a turn of which will increase or diminish the resistance.

When an increase in friction becomes necessary after a long period of use the simple operation of tightening the pressure screw raises the door to its original position at the same time, thus eliminating the annoyance of the door dragging on the threshold.

This perfect control is accomplished entirely within the compass of a slightly enlarged hinge barrel. No compromise has been necessary with either appearance or economy of application. The Friction Control hinge is of loose-pin construction and is available in all McKinney fine finishes.

Complete records of exhaustive tests are available. Please have the coupon mailed so that sample may be presented.

MCKINNEY MANUFACTURING COMPANY  
Pittsburgh, Pa.

MCKINNEY MANUFACTURING CO.  
Pittsburgh, Pa.

Please furnish complete data on the McKinney Friction Control hinge.

Name .....

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S A 1-27



*An invitation to*

## ARCHITECTS & DRAFTSMEN

*to contribute*

PHOTOGRAPHS—SKETCHES—MEASURED DRAWINGS—

ARTICLES

*and other important work for publication*

There are a great many architects who are doing most excellent work in all parts of the country yet you seldom see their work published in the architectural press. Perhaps you have not thought of sending photographs, sketches or drawings to the publishers or perhaps you have waited for the invitation which never came. In any case we extend to you an invitation to contribute to our editorial pages and assure you it will be a pleasure to examine your work.

All material submitted for publication will have our consideration and all photographs, sketches, drawings or articles will be carefully preserved, used if possible and returned to you immediately after publication.

*Address all*

*Photographs, Sketches, Drawings and Articles to the Editor*

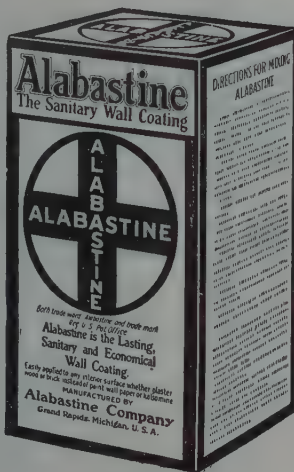
### Southern Architect & Building News

402-04 Trust Co. of Ga. Bldg.—Atlanta, Georgia.



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and Circle in Red

More than 30,000 dealers are watching profits grow while they supply Alabastine to millions of satisfied customers. And still the demand steadily increases, month by month. Thousands of new users will swell the list during the coming season.

More than 25,000,000 people monthly are learning of this finest wall coating through such influential publications as Ladies' Home Journal, Good Housekeeping, Delineator, Woman's Home Companion, Country Gentleman, People's Popular Monthly, Farm Journal, Farm Life, Farm and Fireside, Woman's World, Pictorial Review, McCall's, People's Home Journal, Modern Priscilla, Needlecraft, Household Magazine, Better Homes & Gardens, Successful Farming, Farmer's Wife, Capper's Farmer. Our national advertising is sending customers to your store. They prefer Alabastine to kalsomine or wall paper because it is sanitary, non-fading, durable; because it does not rub off, yet washes off easily, because it is inexpensive and offers them a choice of twenty colors.

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### Free To Dealers

Let us help you to make real profits, Mr. Dealer. Write for our booklet illustrating attractive, new Opaline effects obtained with Alabastine—a revelation to you and your customers. Also ask for information concerning our special Stencil offer, and our free offer of high-grade, all bristles, 7-inch wall brush. And at the same time permit us to put you on our list, along with thousands of other dealers, to receive, without cost, our helpful and interesting publication, "Brush and Pail".

Alabastine Company - Grand Rapids, Mich.

# Alabastine

INSTEAD OF KALSOMINE OR WALL PAPER





## *These Fixture Experts Await Your Call!*

The J. P. Womack & Sons organization works in complete harmony with the architect. In addition to building and installing fixtures in exact accordance with the architect's plans this company endeavors to be of maximum service before the contract.

One of the largest and most completely equipped service departments is available. Through this department the architect may secure accurate cost information, expert advice on economical detailing, and suggestions as to designing.

Scores of architects use the services of this department regularly—especially when the problem is a bank for which fixtures are desired. You, too, are freely offered any help that we can possibly give you. Simply call or write and a capable and experienced fixture expert will call at your request, ready and eager to help you to any extent that you may desire assistance. The visit of this fixture engineer will carry with it no obligation to specify Womack Fixtures or any cost whatsoever. We hope you will as freely use this service as we freely offer it.

# **J. P. WOMACK & SONS, Inc.**

*Fixture Experts*

*Atlanta,*

*Georgia*





The John T. Glenn Estate Office Building, (Atlanta), 9 stories of reinforced slag concrete; Waddy B. Wood, (Washington), Architect; Basier & Biggers, (Atlanta), Supervising Architects; Geo. A. Fuller Co., (New York), Contractors.



Bankers Mortgage Bond Building, (Birmingham), modern, fireproof office building completed 1925; Wm. Leslie Welton, Architect; Smallman-Brice Construction Co., Contractors; (both of Birmingham).



## Sinews of strength in the modern skyscraper

**B**EHIND the attractive exterior of ornamental face brick and terra cotta is a giant Atlas. In most skyscrapers a rugged figure of reinforced

**"ENSLEY" & "ALA CITY"**  
**BASIC SLAG**  
CRUSHED & SCREENED

concrete that is the very heart of the great structure itself—giving it the strength to sustain the constant, ponderous weight of its multiplied floors—and rendering it safe from the ravages of fire.

Security against fire! And unusual tensile and compressive strength! Both are fundamental to Basic Slag Concrete construction.



Alabama Power Co. Building, (13 stories), steel frame with slag concrete floors and foundation, in Birmingham; Warren, Knight & Davis, Architects; S. Nesselroth, Associate; Dixie Construction Co., Contractors, (all of Birmingham).

**BIRMINGHAM SLAG CO.**

*Slag Headquarters for the South*

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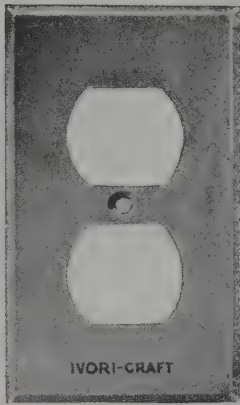
BIRMINGHAM

MONTGOMERY  
OCALA, FLA.

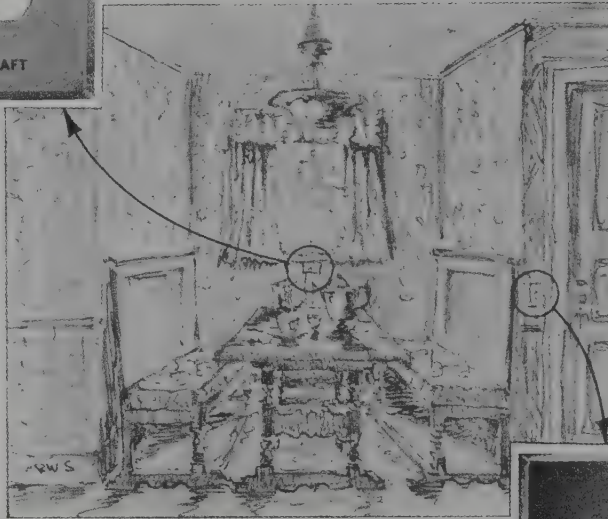


# Ivori-craft

## FLUSH PLATES IN COLOR HARMONIZE WITH THEIR SURROUNDINGS



*Type D Duplex  
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*Ivori-craft* FLUSH PLATES are made in 28 standard colors and in 50 special colors and shades and in all standard types.

Whether your walls are colorful or in neutral tones, there is an Ivori-Craft Flush Plate which will match or harmonize.

Ivori-Craft Flush Plates are of striking beauty and lasting durability. They will not tarnish or become marred or unsightly with use.

The material is non-inflammable, non-fragile and an excellent non-conductor.

Ivori-Craft Flush Plates are not only obtainable in all standard types, but are also made to any special design required.

Samples of Ivori-Craft Plates, together with bulletin on Ivori-Craft fittings, will be sent to architects on request.

*"Ivori-Craft means what Sterling means to silver."*



*Tumbler Switch  
Type I*



### IVORI-CRAFT CORPORATION

Ivori-Craft Building

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Newark, N. J., U. S. A.



*Above All Things Use Hood Tile*

# Coral Gables Villages

## *French and Dutch South African*

... have proven the exceptional fitness of Hood's Normandy Shingle Tile in procuring the typical effects desired.

It has a truly distinctive touch in both design and color tones which enables it to perfectly harmonize with the type sought, as the photographs shown herewith reveal. The colors are a blending of cool natural shades of buffs to chestnut browns, wherein no hot, red tones are present.



### *One Lesson from Florida's Storm*

Normandy Shingle Tile has evidenced an exceptional ability to withstand the ravages of the recent hurricane with practically no damage whatever. Thus, under conditions that probably will not be duplicated for centuries, Normandy Shingle Tile has thoroughly demonstrated that it is as durable as it is beautiful.

Architects collaborating in the design of the buildings in these groups were: Edgar Albright, New York; Frank J. Forster, New York; Philip L. Goodwin, New York; Mott B. Schmidt, New York; Marion Sims Wyeth, New York. Phineas E. Paist, Supervising Plans, Coral Gables, Fla.



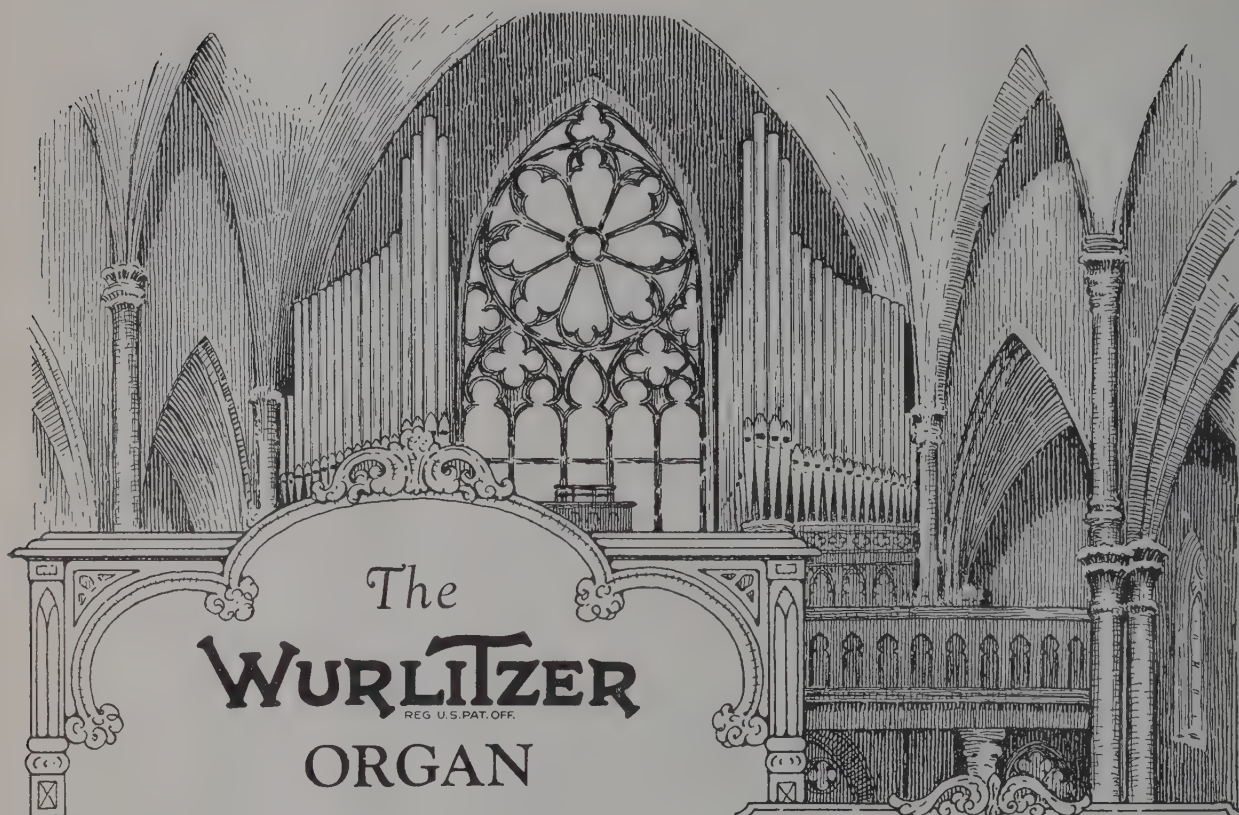
## Normandy

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Requests for information promptly serviced.  
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ATLANTA, GEORGIA

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 ART GRAND PIANOS

These exquisitely hand-carved instruments are the crowning achievement in piano craftsmanship. Obtainable in Jacobean, Spanish, Italian and other authentic period designs that harmonize ideally with any architectural and interior fittings and the most interesting fact is that they are obtainable at the surprisingly low price of from \$850 up.



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# KREOLITE

## "Outlast the Factory"



### KREOLITE REDWOOD BLOCK FLOORS

The above shows the X-ray room in the Deaconess Hospital at Boston, Mass., where Kreolite Redwood Blocks were chosen as the ideal floor for hospital use. Their durability, cleanliness, and freedom from dust make these beautiful floors especially desirable. The beautiful redwood color combined with their lustre and high polish

make them particularly adaptable for use in schools, auditoriums, department stores, show windows, hotels, clubs, sun rooms, gymnasiums, office buildings, ball rooms, etc.

Architects everywhere are specifying Kreolite Redwood Block Floors. Write for detailed information.

**THE JENNISON-WRIGHT COMPANY, TOLEDO, OHIO**  
BRANCHES IN ALL LARGE CITIES

# FLOOR BLOCKS



# Berriman B BILTIN WARDROB

The new Hotel Orndorf, of El Paso, Texas, has attracted nation-wide attention because of its unique design and its many interior features. As an example of the forethought exercised for the comfort and convenience of the guests, by the architects and engineers of the Orndorf building, every room contains a standard double unit (A and B) Berriman Biltin Wardrob—as illustrated in the accompanying picture. These units are inclosed with double doors to match other interior woodwork.

*Trost & Trost, of El Paso, were the Architects and Engineers of the Orndorf Hotel. The hotel is Spanish Renaissance style of architecture and furnishings. Doors and door trim were furnished and installed by general contractors. (Picture by the Feldman Studio.)*



## New Orndorf Hotel, El Paso Equipped with Berriman Units

There is a very close relation between the comfort and convenience of guests or tenants and rental values—and this relation is given more attention by architects today than ever before. The BERRIMAN Biltin Wardrobs, which can be installed at practically the cost of finished closets, are considered everywhere in connection with hotels and apartment buildings as *ultra-modern* equipment. Nothing else on the market has the instant appeal, the utility and the advantages of the BERRIMAN Biltin Wardrobs. Nothing gives rooms or suites a more conspicuous stamp of completeness.

*We will be glad to send descriptive literature to interested architects—upon request.*

# Berriman B BILTIN WARDROB

Patents Pending

HARRY W. WELCH

Exclusive Sales Agent for the United States  
TRIBUNE TOWER, CHICAGO, U. S. A.





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IN ALL PERIODS

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**Jacobson Mantel and Ornament Co.**

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All Compo Ornaments For Wood Work

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**Weaver High School, Hartford, Conn.**

FRANK IRVING COOPER CORP., Architects

A folding partition, 63 ft. in length, operating on Topping "Easyfold" Equipment, between the lunch room and cafeteria.



For Ease of Operation of  
Folding Partitions Specify  
"Easyfold" Equipment  
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Superior in Construction and Service. Used by Architects who know from Coast to Coast for Schools, Churches, Auditoriums, Gymnasiums, Club Rooms or Hospitals.

Details furnished upon request.

*Manufactured by*

**The Topping Mfg. Co.**

247 East Fourth, Ashland, Ohio.



# A Combination Bath Tub



Plate 30 E

Semi-Vitreous Porcelain Ware, 44x30 inches to tile in right or left hand corner, or in recess. Glazed white all sides. Only one size made.

The COMBINATION BATH is an entirely new departure in the development of modern sanitary comfort, comprising, as it does, a SEAT, FOOT, SHOWER and CHILD'S bath, all in one.

It possesses many essential common sense features not found in any other types. For instance, it is more comfortable and less wasteful of water; it is possible to bathe and treat the feet without the removal of all clothing, by having only a small amount of water in the foot section. The ledges on the end and both sides of the foot section enable one to treat the feet conveniently, while the dimensions of the foot section allow ample space for the feet when standing or sitting. The Mother or maid can bathe a child in comfort under ideal conditions. The child can be bathed on the seat section, and then, if desired, dipped in the water filled foot section.

Remember, when you are considering the length of the COMBINATION BATH in comparison with other kinds or styles, that you do not assume a half reclining position when using the COMBINATION BATH, but instead a sitting position; so that your length from the knee down does not count in the length of the space required as it does when using the ordinary bath; also that the uncomfortable, cramped position assumed in the latter case is entirely removed and supplanted by a natural, comfortable posture, such as experienced when sitting in an easy, comfortable chair with just as much room in every direction as a person would have in using the ordinary bath of greater length.

Furthermore, when the COMBINATION BATH is used as a shower bath it is equal to any standard type shower receptor.

One size only,  
for all size  
people

Regular Bath  
Seat Bath,  
Shower Bath,  
Foot Bath,  
and  
Child's Bath,  
all in  
one piece

**PATENTED**

Sold through Jobbers  
of Plumbing Supplies

Write us for  
descriptive booklet



Plate 10 E

Enameled Iron Ware, 44x30 inches to tile in recess, only. Enameled white front. Waste in foot section either right or left hand end. Only one size made.

The arrangement of the seat and foot bath permits the taking of a head or body shower bath, the latter without wetting the hair. This recommends it, and is a feature which should not be too lightly regarded; in fact, we strongly recommend installation of showers in connection with the COMBINATION BATH.

In planning bath rooms, space saving is oftentimes a most important problem, which can be readily and satisfactorily solved by the adoption of the COMBINATION BATH. This is all accomplished without encroaching on the space required for persons weighing as much as 250 pounds to an extent that comfort is sacrificed in any degree.

Tone will be given the bath room wherein such a distinctly attractive and meritorious fixture as the COMBINATION BATH has been installed—an added attraction fully appreciated and not likely to be overlooked by your guests.

We furnish plans for installing the COMBINATION BATH, avoiding the necessity for having any part of the waste fittings extended through the ceiling below the bath room, requiring a suspended ceiling; which, in many cases, would prove undesirable.

These plans provide for raising the bath about four inches above the floor level, and filling in the open space with tile. This increases the extreme height of the tub from floor to top of about twenty-one inches, which is slightly less than the height of a staple bath on legs or base.

Many of the COMBINATION BATHS have been installed in this manner, and have proven entirely satisfactory.

## WHEELING SANITARY MFG. CO., Wheeling, W. Va.

Branch Office and Show Room:

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J. J. HICKEY, Office, 185 Devonshire St., Boston,  
Mass.; Warehouse, 240 Albany St., Cambridge, Mass.

WHEELING SANITARY MFG. CO.  
Warehouse, 146th and Exterior Sts., New York City.

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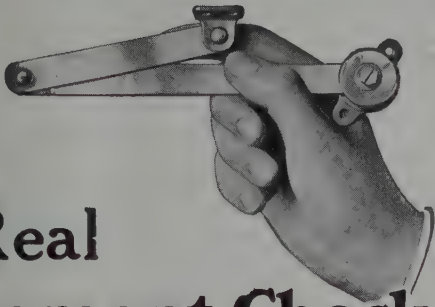


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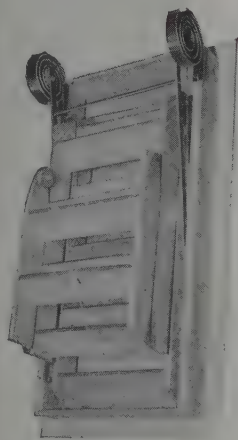
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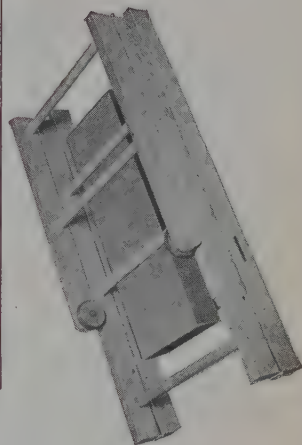
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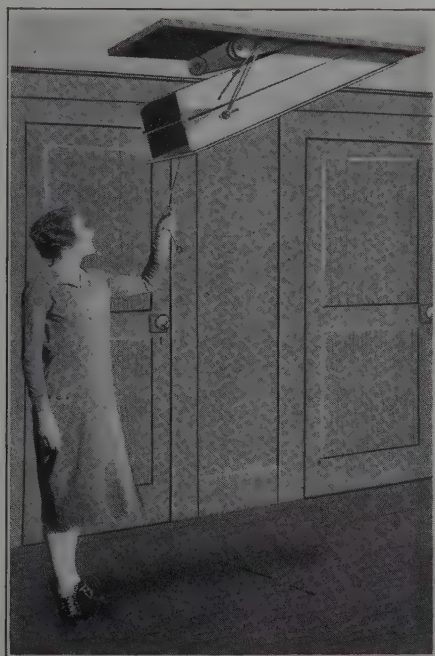
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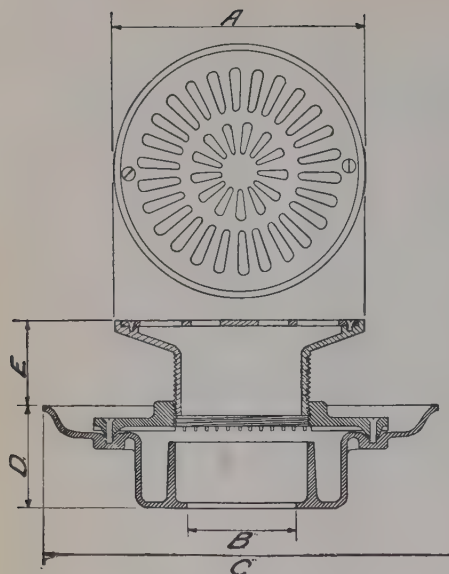
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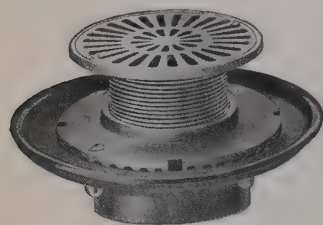
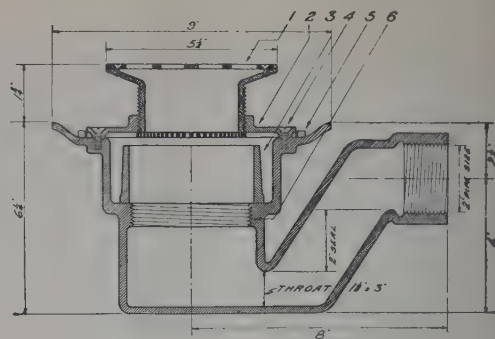
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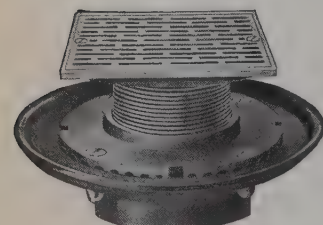


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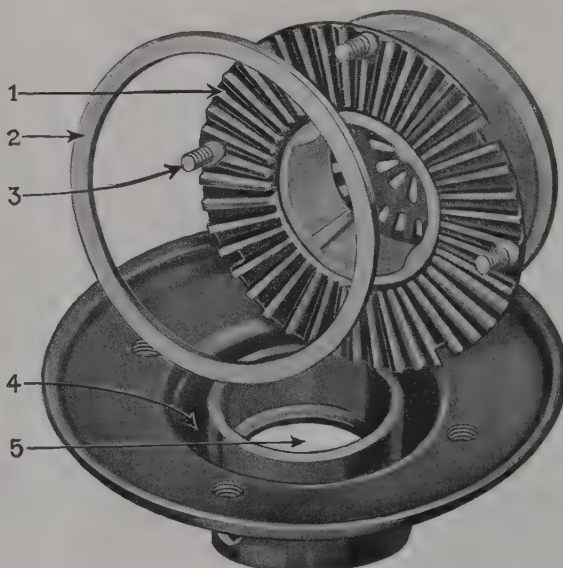
No. 134-S



No. 134-E

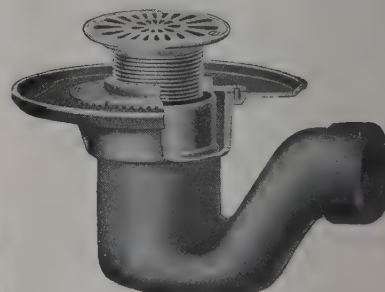


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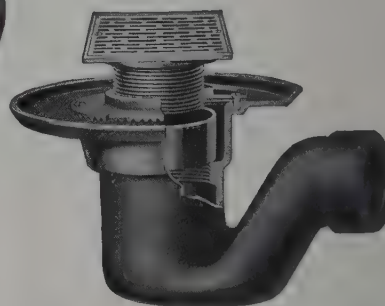


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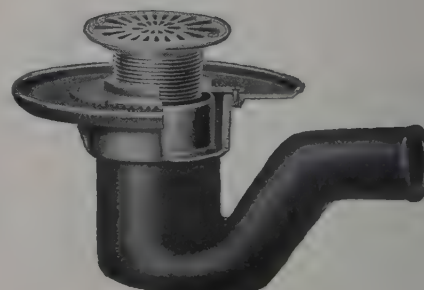
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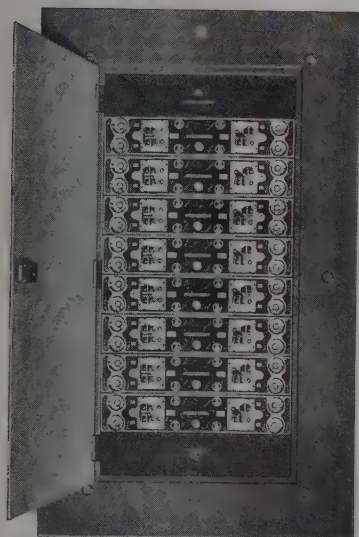
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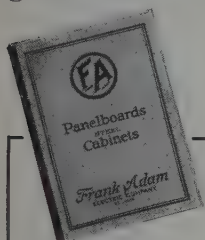
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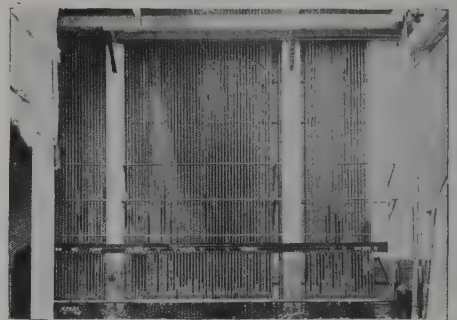
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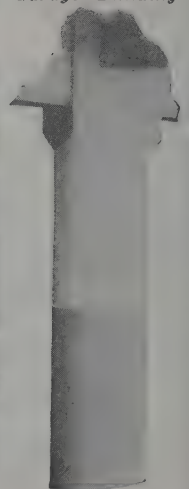


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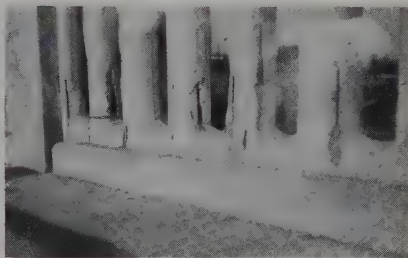
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December, 1926

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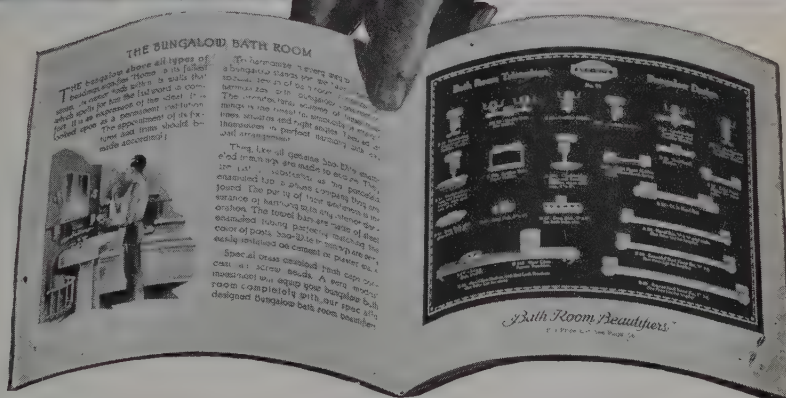
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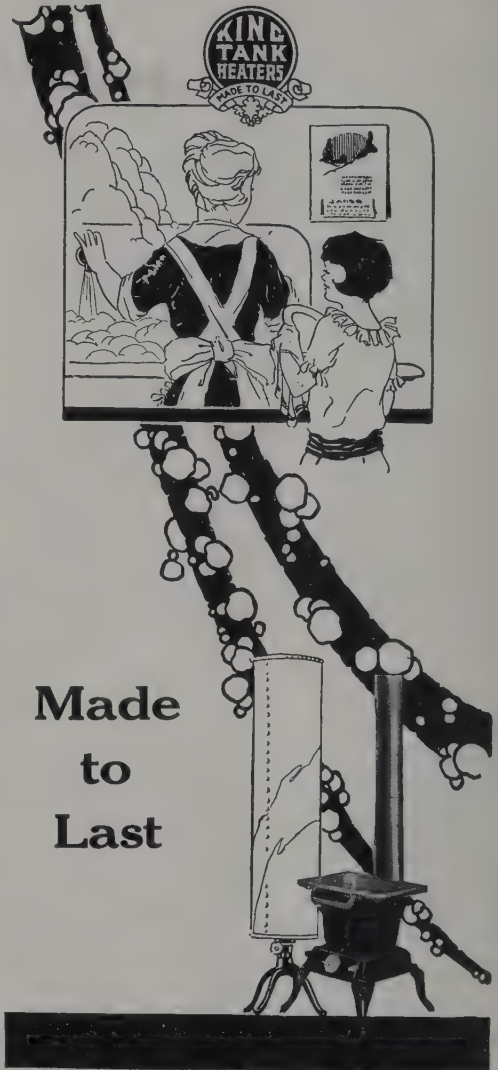
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VOL. LIII.

NUMBER 2

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**A** GAIN the Necrology of a noble art has gained an illustrious name. Men who have made the arts nobler because of their work with them. A glorious company, working now in a greater Atelier.

Frank P. Milburn was born in Bowling Green, Ky., in 1886 and gained his technical training in the University of Arkansas. He then took up his life work with his father, a contractor. He later went into practice of Architecture for himself and opened offices in Winston-Salem, N. C., Charlotte, N. C., and Columbia, S. C. His work won for him the appointment as Architect for the Southern Railway and he was moved to Washington, D. C.

This master-craftsman earned the undying name for fairness and constructive ability, as well as creative genius. His was a well rounded ability rather than a narrow one, of conception. He could and did take his nebulous work from the draughting boards and bring them into being with such materials at hand. Mere geography of a building, such as data, sketches, notes, became in his trained and talented hands, tracery of great finesse, spandrels of lasting strength; a whole, of pleasing harmony and beauty.

Into his lap were poured the many commissions for fine works, for he had learned to make "the better mousetrap" and the path to his door was well worn.

The South will miss this gifted man. Contractors have lost a friend. Art has lost a practical creative genius. He alone has gained, for his reward of one who lays aside his pencil, secure in the knowledge that he has left his mark upon the passing time, a world a little better and more beautiful for his having been here. Splendid structures that now reach up to him with their stone and steel, and love in the hearts of men who hold him in loving memory.



SYRACUSE MEMORIAL HOSPITAL, SYRACUSE, N. Y.  
JOHN RUSSELL POPE & DWIGHT JAMES BAUM,  
ASSOCIATED ARCHITECTS

*Rendering By Otto R. Eggers.*



# The SOUTHERN ARCHITECT AND BUILDING NEWS

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Number 2

## The Architectural Tradition of The South

By HOWARD MAJOR, A. I. A.

**S**OUTH of the Mason and Dixon line there is a wealth of architectural tradition. Not only are the old edifices the finest examples of early American Architecture but they are to be found upon every hand throughout the old South. These old buildings are a rich inheritance to our now growing section. As far as architecture is concerned the South owes a great deal to the forced inertia following the civil war, for it has not the disadvantage of abominable architecture which everywhere sprung up in the North in the last half of the last century.

It is possible, however, for this very reason, the ever present contrast of good with the bad, that the North was first to appreciate its colonial architecture and to carry on in the present day the tradition of our forebears.

The great development impetus that the South is enjoying means more and more new homes and other building construction. This is an era in which the South not only has an opportunity to show the rest of the world its great commercial development but also its culture—whether good or bad.

It is rather natural after a long period of lethargy that the first developments would differ from the architecture surrounding them if to only show their modernity. The South has left far behind its first days of commercial reawakening and is making rapid and definite strides ahead. Those in the arts have now had ample time to digest their problems, and good taste, we hope, will be the result.

However, it is evident that much foreign influence has crept into the architecture of the South—that often we are not expressing our nationalism in our architecture. To my mind “nationalism” is by far the most important element in architecture. Think of England, France, Italy or Algiers and

you will think of four distinct national architectures—and what can be more appropriate than our Englishman in an English house or more inappropriate than a Southerner in a Spanish house?

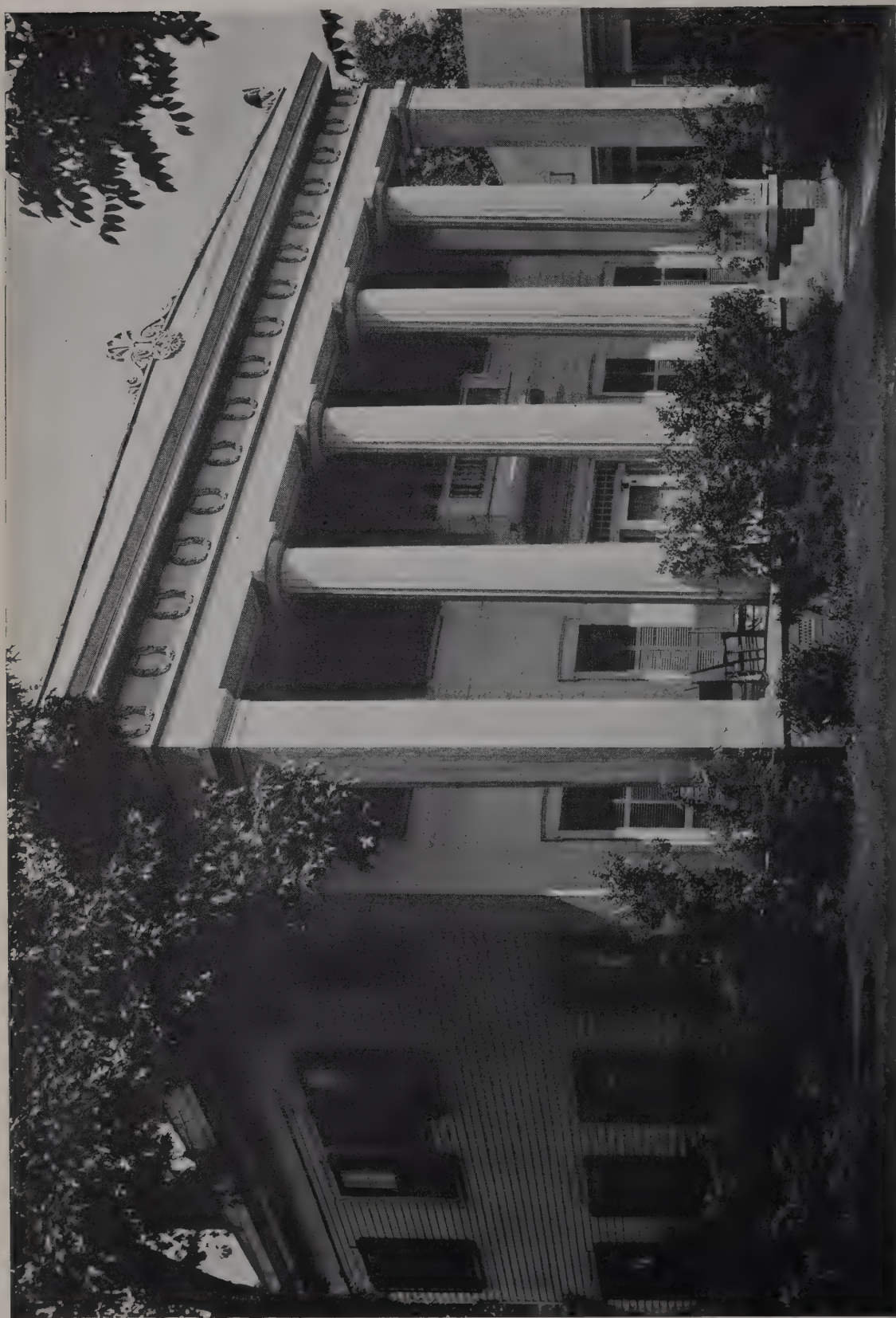
When I was a boy there was a craze for Turkish cosy corners. Every house and hotel had one. They were ridiculous and have long since disappeared. Just as ridiculous today is the “hysteria” for things Spanish. The South, probably because of its climate, has grasped with open arms the “Spanish Flu” and one can witness these houses springing up every where in the South. Unfortunately, it is the style to have Spanish furniture, hangings and houses—and we all pride ourselves on being in style. We all think Prince Albert coats an abomination which have finally found their way, to the undertakers, but if it were the style, you and I would sport one.

This travesty of Spanish architecture in our Southern states is a rank fad sponsored first by California, then Florida. It is distinctly foreign to our nationalism. A student of architecture would vouch for that without even seeing an American by the thorough lack of knowledge shown of Spanish art in the thousands of such houses in this country.

The plea of California is that California was first settled by Spaniards who left some lovely edifices.

That is true and it is also true the Spaniards left some lovely buildings in Trinidad, Jamaica and Nassau but did the Englishman carry on in that foreign style? He did not, for he was imbued with his own national characteristics.

Many Southerners fortunately understand and appreciate the beauty and charm of Old Southern Architecture. As years roll by many more will join their ranks and the Spanish fad will succumb



RALPH SMALL RESIDENCE, MACON, GA.





HOUSE ON PRINCE STREET, ATHENS, GA.



HOUSE AT HUNTSVILLE, ALA.



EMORY SPEAR RESIDENCE, MACON, GA.





642 PRINCE STREET, ATHENS, GA



TODD RESIDENCE, LAGRANGE, GA.





BATTLE HOUSE, TUSCALOOSA, ALA.

to a natural death. The architect who early assimilates this fact and leads his clients along the road of good taste avoiding foolish fads will be the successful architect.

It is hardly necessary to point out the beauty and appropriateness of our Southern Colonial Architecture nor to mention the charm of the architecture throughout the Old Southwest of Post bellum days. These styles were designed for beauty and climatic conditions and are one hundred per cent American.

Abundant cool porches shaded the interior from the hot rays of the sun. High studded, well ventilated rooms insured cool interiors. The style is

fundamentally sound so let us adopt it for our foundation. If the Spaniard adopted the Patio from the Greek atrium and it is a desirable feature for your locality as it is in Palm Beach, by all means adopt a patio to our early American foundation. It is the easiest thing in the world to do provided the house is large enough.

If the Spaniard has devised a means for a cooler house than ours, adapt such methods to our national style. Incidentally, from my research I can find no indication of his having done so but I do find that Cuba has evolved methods that attain the greatest comfort in the tropics. That, however, is another subject but one of so much interest that I thought worthy of placing it in book form.



# The Future of American Architecture

By TALBOT F. HAMLIN.

AT first sight, the attempt to prophesy with regard to the future of American architecture may seem both futile and dangerous. There are so many unforeseen developments that may occur in the American life of the future, and architecture is so completely based on, and therefore sensitive to, the entire character of our civilization that any forecast must be of the most tentative sort. There exists, however, certain important tendencies which have been increasing notably within recent years, but which are nevertheless manifestly incomplete. Their fruition in the future can therefore be considered at least probable.

The first of these tendencies is the growth of stylistic freedom. The day of the "revival", the imitation, of archaeological forms, is gone. History is no longer conceived as a series of fixed patterns, a magic lantern show rather than a moving picture, and any sentimentalizing of the past is more and more foreign to the practical sense of the average man. Another reason for the growth of style freedom is the fact that more and more American architects are becoming aware of the comparative importance of the entire question of style correctness. Artistic consistency is never ruled by dates, and emotional power in architecture can never be achieved until the larger matters of plan and composition have entirely absorbed and reformed the details of architectural expression like mouldings, columns, and ornamental forms which make "style." It is precisely these larger matters of planning and composition which are most profoundly affected by new materials, new technical processes, and new social conditions. As soon, then, as plan and composition, so deeply responsive to the changing mechanizing of modern life, begin to control detail as completely as they should, style changes are inevitable, and true style freedom will arrive. Already the tendency toward this attitude is evidenced in all the best modern work.

The style freedom will not mean the necessary abandonment of all the forms the past has given us. It will mean freedom from slavery to "secessionism" just as it means freedom from Gothic or classic. It will mean an attitude in the light of which all the modern discussion of styles, all the cries of the style-rebels and the creeds of the style-conservatives, will appear childish and futile. Forms which men have loved through the centuries will not pass away at the threat of a theory, nor will reverence for them prevent the creation of new forms. The questions that will be asked of the details of a building in the future are not, is it correct, is it old, is it new, but rather, is it a natural, inevitable result of its place, its function, and its material; and above all, is it

beautiful, does it speak deeply to the emotions as all great art must?

Another marked present-day tendency whose further development may be confidently expected is a growing love of the dramatic in building composition. We are growing away from that love of uniform all-over richness that characterised the days, say, of the cast-iron store fronts; more and more our buildings, particularly the smaller, less formal buildings, are designed with a growing sense of the value of the dramatic climax. Plain wall—a simple texture of pleasant materials—leads up to a sudden contrast of rich doorway or a bit of intricate iron-work; restraint is balanced against concentrated and climatic exuberance. The fact that economy in building is increasingly necessary has undoubtedly influenced this development profoundly; it is a striking example of the way economic conditions may affect aesthetic ideals. But there is more than mere economy in this movement; it is based on a growing keenness and subtlety in popular taste. This growing love of the dramatic climax in architecture has by no means reached its fullness; the future is sure to see its further development, which will add charm to our country house, restfulness and yet excitement to our cities, dramatic and emotional power to the beauty of all our buildings.

Another present-day trait, strangely mixed with good and evil, is our growing love of varied materials, varied textures and colors. To-day as never before, brick and stone and stucco and wood and marble are boldly used, played with, balanced against each other. Harmonious variety in texture has been achieved with a growing sureness and beauty. Yet this same love of varied materials, together with some uncritical sentimentalization of the past, has given rise to the greatest American architectural sin—our love of imitations, falsities, clever "fakes." At a time when there is a variety of possible building materials never before obtainable, when sheet metal and drawn metal and wood fiber and rubber and an enormous number of different kinds of brick and stone and plaster and a thousand other products of mechanical invention and chemical research have been put to use as building materials, each new material crying aloud, it would seem, for a new treatment suitable to it, each new invention a new opportunity for the artist—it is a strange fact that our love for texture and materials has forced us to make all this newness merely fraudulent imitations of the old. So rubber is marbleized, wood fiber-boards are nailed on a wall in stone ashlar patterns, and there is "stone" cast in molds, "stone" baked in ovens, "stone" put on with a trowel, and we even sometime torture the loveliness

of wood shingles into exaggerated curves of a futile imitation of thatch! So deeply is this habit engrained in us that one is shocked to discover, in a building almost universally acclaimed as one of the most prophetic of modern buildings, interior steel doors elaborately painted with a careful imitation wood finish.

Let us hope the future will change all this; that our architects will realize and meet the challenge of the new materials, and devise for them forms and colors that make them an architectural asset instead of a liability. There is reason to hope, at least, that all this flooding river of imitations itself has its source in a love for material and texture that, rightly used and rightly disciplined, would inevitably, and eventually will, end it.

Somewhat allied to this love of materials is a growing tendency towards the development of local styles. Modernity has stretched its great ruthless form over the whole country; at one time it seemed as though only a bad uniformity would result. Three facts have combined to prevent this. One was that vague combination of pure traditionalism, the type of the landscape, and the accumulated appearance of a locality that one can only call "spirit of place." Another was the fact that despite the development of cheap transport and the centralization of industries there are places where certain building materials are bound to be cheaper and more available than others. The third is the all important fact of differences of local climate.

The first of these three facts has resulted in the development of modern colonial work along the Atlantic coast, and, to a less extent, in the development of the widespreading horizontal lines in the bungalows of the Middle West. In the East, there are villages and certain parts of old cities where the years have placed their stamp so unmistakably that it would seem a crime, not only against tradition, but also against all the laws of aesthetic harmony, to build in any way that did not harmonize with the marked colonial atmosphere of the place. Archaeological correctness is neither necessary nor desirable, but the magic of such localities—rare enough in America—can only be preserved and will be, more and more, as the public grows more sensitive, by keeping all new buildings in character with the old, by using some sort of modernized colonial forms.

The second factor, that of materials locally available, is strikingly illustrated by the stone houses of the suburbs of Philadelphia and parts of New Jersey. Here there is an abundance of stone of pleasing color that splits readily into convenient sizes and shapes, and builds into walls of great beauty. The result has been one of the few areas of truly native stone architecture that gives a remarkable charm of harmony and of textured color

to the whole region. Such convenient local materials often give a distinct and subtle individuality to places that are at first sight much alike.

The third factor, that of climate, is responsible for what is easily the most obvious of the local styles of America—the stucco, tiled-roofed houses of southern California and the states immediately east of it. Traditionalism, the "spirit of place," took part in this development as well; the two together rendered it inevitable, and the result has been an architecture so true to its climate and its landscape, so sensitive to the double tradition of Indian pueblo and Spanish conquistador, that it forms one of the most vital modern developments that American architecture has undergone.

But by all standards the most hopeful tendency in American architecture to-day, whose further development will produce its greatest triumphs, is a growing sense of form. This, after all, is the dominant thing in all great architecture. And its expressions in the great body of American architecture were, until recently, fitful, evanescent, confined to monumental buildings, and even there conditional and circumscribed. Our cities were becoming mere rows of stupid boxes; all the architects could do was to dress them in prettinesses of detail. Then came the zoning law into many of our cities, with its restrictions on height, its requirements for setbacks. Adopted purely as a practical measure, it proved a magic wand to set American city architecture free from its nightmare of eternal cubism. Suddenly a latent form sense and imagination developed; buildings became interesting in outline and silhouette as well as in detail. Romance was born; piled masses soared into the sky that seemed to do something. No longer was the high building apparently built by the mile and cut off to order, but it was composed, break on break, buttress on buttress; it began and it ended. City building ceased being rather drab prose, however polished; the possibility of poetry entered in.

The encouraging development of the form sense is not limited to large city buildings. Its effects are already evidenced for example, in the Kansas City memorial and the Nebraska capitol. Eventually it will affect every slightest production of American Architecture, for a people who have made the towered Shelton their own will not forever endure the architectural stupidity of the average home, the inexcusable dullness of the blocks of two-family matchbox houses, or the square barrenness of thousands of ugly farmhouses, or the overdecorated absurdities of the tenements and apartments, in which, all together, the great majority of Americans are now forced to live.

NOTE: This article courtesy the Yale University Press, from their book, *The Pageant of America*, Vol. 13.



# A PORTFOLIO OF CURRENT BANK ARCHITECTURE



TITLE COMPANIES BUILDING, WASHINGTON, D. C.  
C. L. HARDING, ARCHITECT



NORTH WARD NATIONAL BANK, NEWARK, N. J.

GUILBERT &amp; BETELLE, ARCHITECTS





BANK OF NOVA SCOTIA, OTTAWA, ONT., CANADA.  
JOHN M. LYLE, ARCHITECT

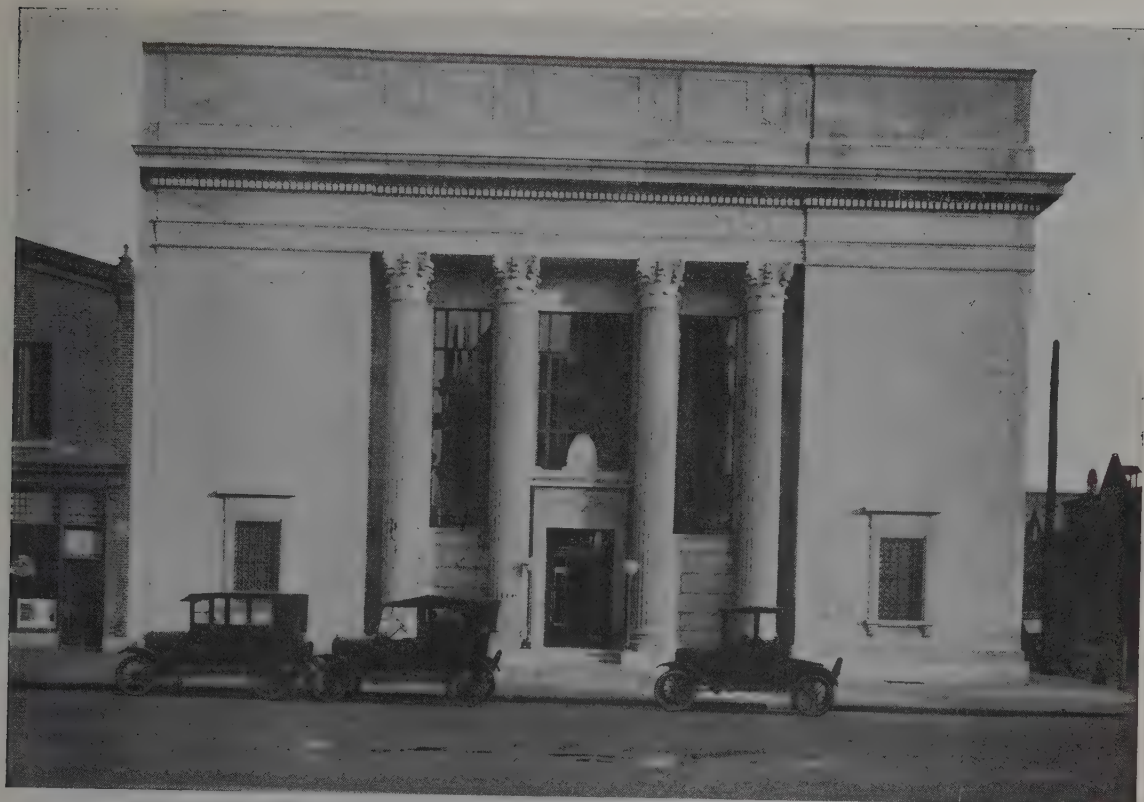


BRANCH BANK OF MONTREAL, MONTREAL, CANADA.  
R. E. McDONALD & H. R. LITTLE, ARCHITECTS



OMAHA BRANCH FEDERAL RESERVE BANK OF KANSAS CITY, OMAHA, NEBR.  
GRAHAM, ANDERSON, PROBST & WHITE, ARCHITECTS.





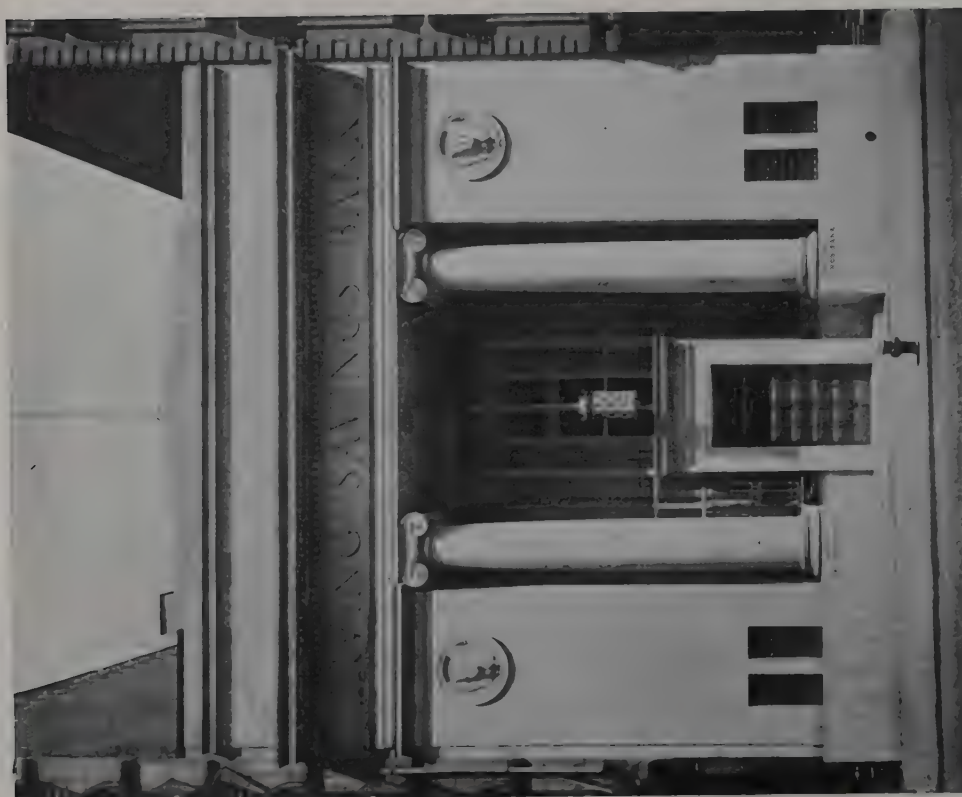
FEDERAL TRUST COMPANY, PHILADELPHIA, PA.  
JOHN T. BRUGGER, ARCHITECT



FIRST NATIONAL BANK, CAMPTON, CALIF.  
RUDOLPH MEIER & A. C. ZIMMERMAN,  
ASSOCIATED ARCHITECT



LIBERTY BANK, MISSION BRANCH,  
SAN FRANCISCO, CALIF.  
H. H. HINTON, ARCHITECT.



IRVING SAVINGS BANK, NEW YORK CITY.  
MERKLE & ELBERTH ARCHITECTS



# The News Tower Building, Miami, Fla.

*Schulte & Weaver, Architects.*

By FRED KLOEPFER.

THAT there is a growing appreciation for good taste in architecture in the South, one only has to look about him to see it is a reality, rather than a vague assumption. The architectural progress now being made is evidenced most strongly by the larger business institutions, serving the general public, such as banks, railroads, insurance companies, and newspapers. These organizations are building for themselves buildings that are beautiful in conception, structures in which the architect is given a free hand to "waste" space, so-to-speak, in order to achieve the scale commensurate with a building that has true monumental character. The memory is very fresh in our minds of the day, for it has not been so many years ago, when a structure of this type was almost surely a public building, serving the municipality or state, and the architect was limited to this field for his expression of anything beyond the ordinary type of utilitarian building. Today the field has been broadened to afford greater scope.

The News Building, facing the beautiful, broad Biscayne Boulevard on Bay Front Park, is one of the outstanding buildings of Miami's towering skyline. This building, after the Spanish renaissance style, with its beautifully proportioned tower, is impressive by day and by night—the final stages of the tower being brightly illuminated after night-fall. The exterior is finished in stucco with pilasters, cornices, finials and other ornamental features in artificial stone. The color is in a pleasing tone of what might be called a soft old rose.

The building has a basement containing storage rooms, kitchen and lunch room, and floor of press room. The main entrance, on first floor, is on Biscayne Boulevard, with a short flight of steps to the main lobby. The lobby is finished in artificial stone, floors and walls, with a paneled colored ceiling. The panels over the elevator doors contain reliefs showing the history and progress

of printing. On each side of the lobby is an entrance, with arched paneled soffit and a flight of steps, leading to the public business rooms of the News. This is a large high room finished in plain plaster with arched and vaulted ceilings. The desks, facing the public space, are finished in Tunisilian tile. At the rear of this public space, are large windows giving a full view of the great press room, which begins in the basement and extends in height to the ceiling of the News section of the building. On the second floor are the editorial and business offices of the News.

The Office Building section is contained in the tower extending from the third floor to the eleventh, with two elevators, through the main shaft of the tower. From thence, a single elevator serves the three stories of the next stage of the tower. From this point, a stairway leads to the observation cupola.

The building is constructed of re-enforced concrete in its lower stories, except the tower section, which is steel throughout, being carried a full story into rock. It was designed to withstand hurricanes, and was structurally undamaged by this most terrific of hurricanes that passed over Miami recently. It is an example of good judgement of owner and architect in so well designing a building of this type that it gave so excellent an account of itself under such a tremendous and hardly-to-be expected strain.

It could not have stood up undamaged otherwise, as was demonstrated by several other tower like buildings in Miami which were seriously damaged (one irretrievably) during the hurricane.

Taken as a whole this building represents one of the most pleasing business structures, in design and sound construction in the South and is one of the outstanding buildings in this section of the country designed by the firm of Schultze & Weaver of New York, which includes such notable structures as the Biltmore Hotel, Coral Gables, Florida; Atlanta Biltmore Hotel, Atlanta, Georgia, and the Nautilus Hotel at Miami Beach, Florida.



Entrance Detail.  
News Tower Building, Miami, Fla.  
Schulte & Weaver, Architects.



NEWS TOWER BUILDING; MIAMI, FLA.  
SCHULTZE & WEAVER, ARCHITECTS



# Sculpture and Architecture in Stone Mountain Memorial, Atlanta, Georgia

AUGUSTUS LUKEMAN, *Sculptor.*

IT is planned that this gigantic piece of sculpture shall be done in three parts: first, equestrian figures of Jefferson Davis, General Lee, and General Jackson in the attitude of receiving a review of the marching army; second, directly behind the three leaders, two color bearers and six other Generals who are to be chosen by the historical societies of the South; third, the marching army, so designed as to give the allusion of thousands of marching soldiers—infantry, cavalry, artillery, all arms of the service.

To that idea for carving the mountain into a gigantic panorama has been added a conception for the creation of a great memorial hall in the solid rock at the base of the mountain, directly under the vast work of sculpture stretching 1,600 feet across the granite. In this vast scheme will be the memorial hall dedicated to the women of the Southland, the tomb of the Unknown Soldier, a museum, a great lagoon or reflection pool, a facade of colossal columns cut out of the mountain, over the architrave of which will be an entablature with an

inscription in six languages, so that in centuries to come students may read the purpose for which it was created. The inscription will read: *To the Valor of the Southern Soldiers.*

In carving this enormous statue physical difficulties are, of course, magnified many times over the ordinary work of the sculptor, and in some cases will necessitate departure from strict adherence to faithful detail; such artistic license as the physical conditions require must be taken.

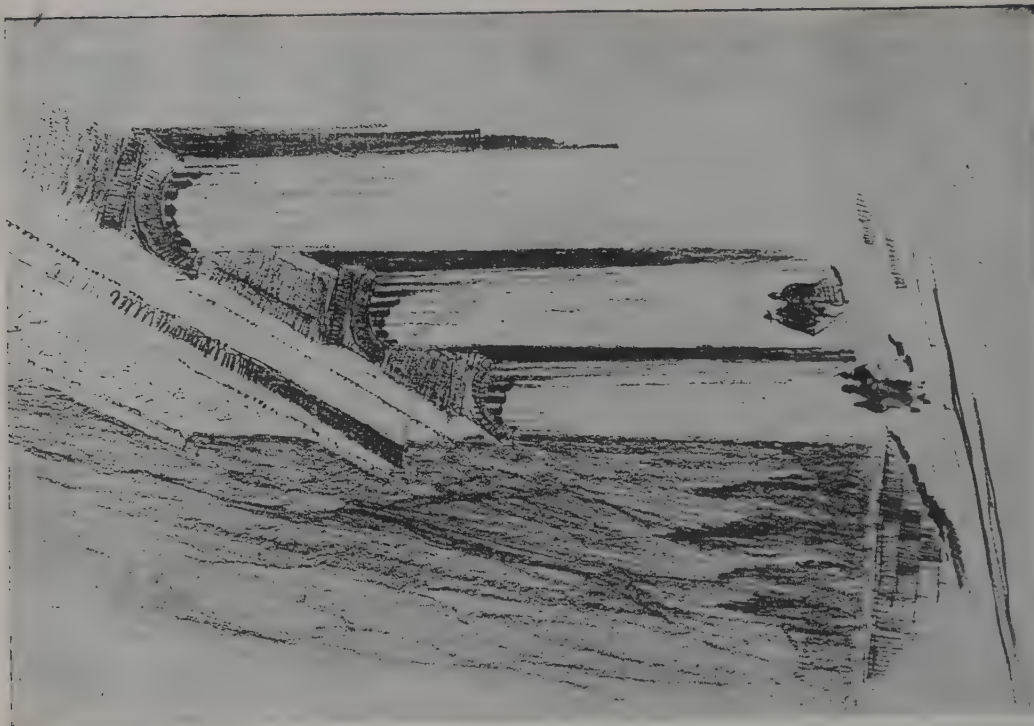
For instance, it is known to artists who have created military statues that the mounted officer carries his sword or sabre suspended by a strap, it is not fastened to the belt as it is when he is dismounted. Strict adherence to this known fact would require cutting a narrow piece of granite sixteen feet long to represent the strap—so narrow and fragile that it would probably fall down the side of the mountain on its own unsupported weight.

Therefore, the swords must be fastened to the belts.

At the foot of the mountain, under the procession



The central group first to be carved upon the face of the mountain showing Jefferson Davis, General Robert E. Lee and General Stonewall Jackson.



The colonnade of magnificent columns carved out of the face of the mountain.

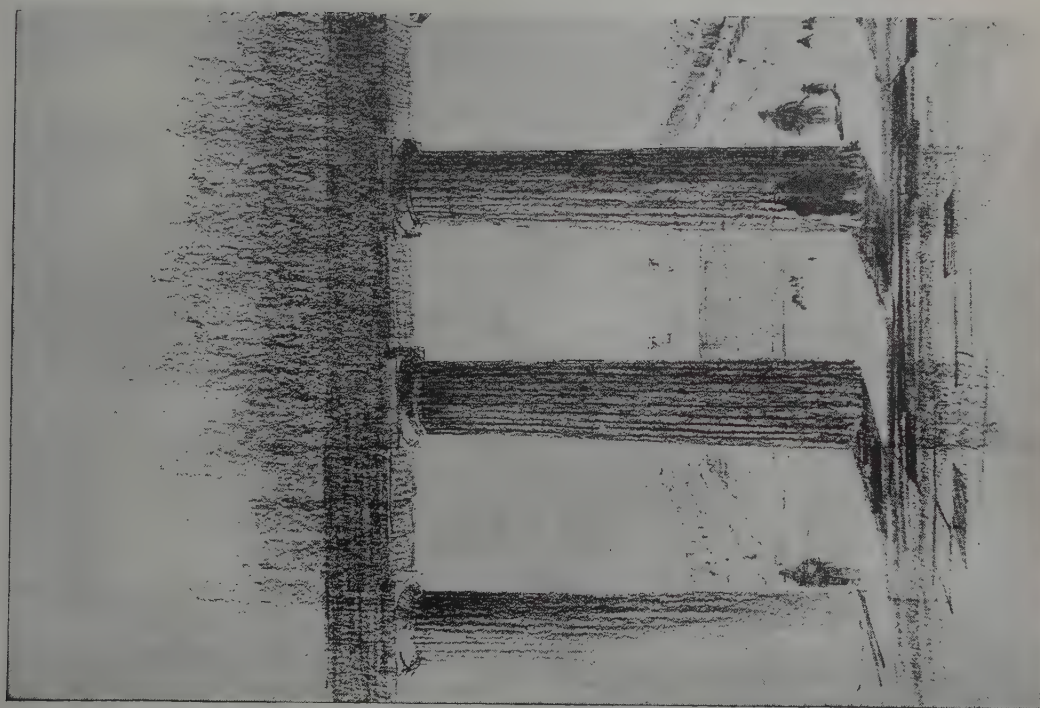


Detail of the grand stairway, showing granite pier surmounted by bronze incense urn.





The veiled figure of "Memory," dedicated to the women of the Confederacy; beyond it the columns and the panels in which will be inscribed the names of the Founders Roll.

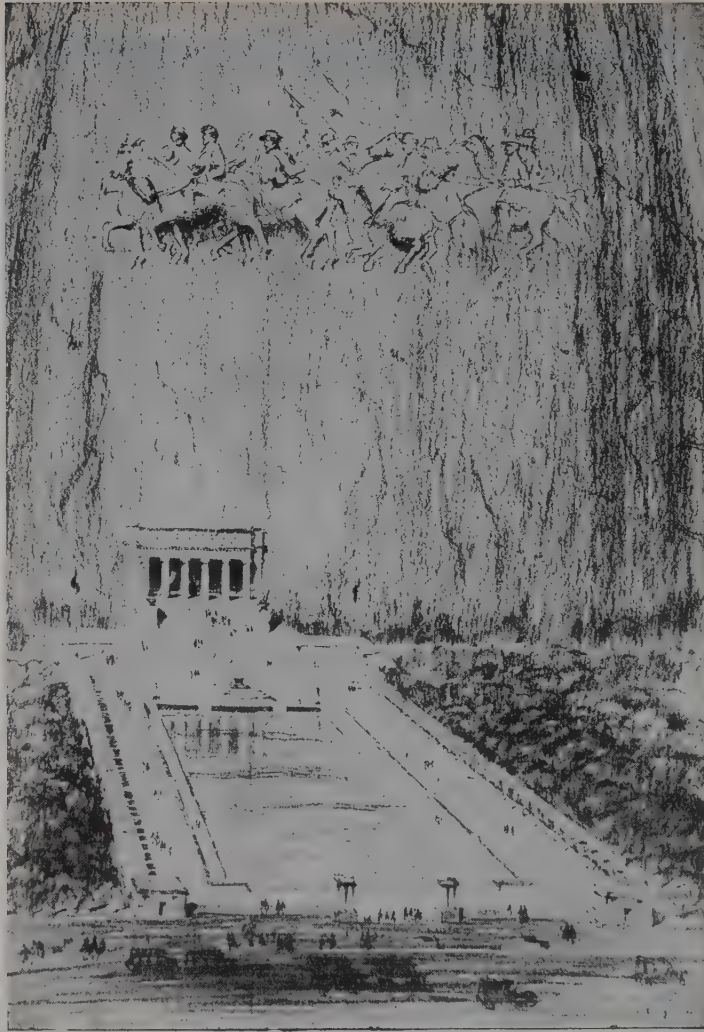


Interior view of colonnade, showing reflection pool and esplanades forming immense outdoor theatre in front of Memorial Hall.

of the heroes, the Memorial Hall will be cut into the solid granite. It will be fifty feet deep, ninety-five feet long, and fifty feet high, in the form of a semi-circle, with thirteen engaged columns of the Ionic order thirty feet high, each column to represent a state in the Confederacy; on an entablature directly over the architrave of the columns and carrying directly across the semi-circle will be an inscription to the women of the South, for this Memorial Hall is to be dedicated to them. In the center of the hall will be a colossal female figure, representing Memory.

Between each pair of columns will be a tablet eight feet wide and twenty-five feet high, in which will be cut the names of the states, set in gold. Below each tablet, in the form of a continuous band cutting across the thirteen columns, is a vault, the face of which will be carved with a garland and the name of each state. The vault will be used for the military roster of each state. Directly under the band is a stone seat and in front, on the floor or stylebath, will be an inlay of golden bronze in the form of the coat of arms of each state. The capitals and the bases of the thirteen columns will be in gold.

The Memorial is to be approached by an entrance 650 feet from the mountain, the main entrance being a gateway forty feet wide, flanked by two pylons—a cluster of three columns twenty feet high. At right and left from the pylons will run



General view showing central group of sculpture, Memorial Hall, grand stairway, tomb of unknown soldier and reflection pool.

This vast outlay of architecture and sculpture when finally completed will undoubtedly be the greatest triumph of art in modern times to say nothing of its keen rivalry with the masterpieces of antiquity.

and rows of seats for those who visit the Memorial.

On a platform thirteen steps above the lagoon, and reflected in the water, will be the tomb of the Unknown Soldier, giving the impression that his bier is floating upon a barge into eternity.

The visitor will ascend by steps and esplanades to another flight of forty-eight steps which lead directly to the Memorial Hall, each step designating a state in the Union in the order of admission to the Union.

Looking down from the steps of Memorial Hall into the lower basins, the visitor will have the impression of a vast amphitheater capable of seating tens of thousands of specators.

a low wall terminating in necessary buildings. Upon entering the approach to the Memorial the visitor will descend three steps to an esplanade, which will contain a sunken lagoon 125 feet wide and 300 feet long. An unusual feature of this sunken lagoon will be that a deep recess cut under the mountain will give the allusion that the water flows under the towering pile of granite. This allusion is not created by any of the other great reflection pools of the world, either at the Lincoln Memorial or the Taj Mahal; in those great edifices the pool terminates some distance from the structure and stands apart from it. On the esplanade around this pool will be walks



# I'm Going to Build a Home

*By An Atlantan.*

I'm going to build a home.

Not that I expect this announcement to create any unusual stir of interest. But it IS important to me.

Mind you, I haven't said WHEN I'm going to build this home. Maybe this year, maybe next. It depends on a lot of things besides the much blamed cotton crop.

Fact is, it's no longer a secret, anyway. The cat came out of the well-known bag a few weeks ago when an insignificant news item appeared in the newspaper, buried alongside of the obituary notices, to the effect that I had bought a home-site from so-and-so.

Who says the newspapers aren't read? Here's one that will take issue!

For a solid two weeks after this item was published my mail was flooded. Every building material concern in captivity seemed helbent for my business. And allied lines, too, such as screens, bathtubs, etc.

For two weeks. Then this flood of mail ceased. It seemed that the Jones Roofing Company and the Smith Sanitary Fixtures outfit and all the rest were sorely disappointed that I had not immediately responded to their overtures. And being resentful, they withdrew into their shells—or at least decided to spend no more postage on this particular prospect.

What I'm endeavoring to convey is this: aside from one instance (and that man assured me he didn't want to SELL me anything—echo answers "bunk") there wasn't the slightest semblance of a follow-up, either in person or via the mails.

Oh, yes! I did receive quite a few catalogs, dumped in on me with a sort of "What you want is probably here—go find it" attitude. But it's safe to say that not a one of these concerns knows today that I'm still alive. And if by some chance the same notice of the lot purchase were to be printed tomorrow—right away the same two weeks' flood of stereotyped matter would get under way. Then stop.

Yet—I am still going to build that home!

Looking back through the days of "the flood" I cannot recall a single piece of literature (i. e. advertising matter) that was of any distinct value to me—as a prospective home builder. True, one folder told me how good Brown's shingles were. And another told me how good Green's ornamental iron work was. And so on.

But they merely TOLD me—they didn't SHOW me!

And I'm just about like the average young chap. I can drive a car. But hanged if I'm much on repairing it if it breaks down. I can fire coal into the furnace. But I call "help" quickly if it gets out of order.

In substance—though I might not admit it publicly—I need help in lots of matters, and welcome it.

I don't care a continental how good Jones and Brow and the rest of 'em think their products are—we all discount what we say about ourselves. I want to know how I can fit these products into MY scheme of things. . . . And not a one showed me how.

So things ran along until just the other day. My eye caught an advertisement in a paper. It was an "ad" of a certain association, a group of manufacturers of a certain type of building material.

The advertisement asked me to send for a booklet. I did. Didn't expect much in return. Wanted to satisfy my curiosity as much as anything else.

Action! Back came the booklet. The pictures interested me. The story even more so. It told of "building for permanence." It talked of lowered insurance costs, and freedom from the bugaboo of depreciation and lessened upkeep costs.

Lots of other things, too, that made me nod my head affirmatively and agree that this really might be the material I ought to construct My house of.

But that was merely the *telling*. Right behind came the follow-up, the showing. The association must have relayed my inquiry by radio to the local building material dealer. At least it seemed that way. They lost no time.

A personal call. And a letter from the association, too, recommending the SERVICE OF AN ARCHITECT.

That was something new for me. An architect. Coure I knew of the existence of you architects, play golf with one or two of you occasionally. But honest—Injun, I never had given you a thought up to the time this association put you definitely on the map.

Stupid of me? Admittedly. But then we average folks are not given generally to spotting the obvious right off the bat. We reach the obvious by round about paths.

That night I did some thinking. Here was a material I had imagined I couldn't use in my house. Had figured it too expensive. The association had told me and had showed me, conclusively, that it wasn't.

Then, too, I liked their spirit of cooperation; the way they seemed to genuinely want to help me. And the architects, too, for that matter.

Tomorrow—deus volens—I'm going to hunt up one of you architects and discuss the building of that home of mine. And I'm going to put a question to this architect (chances are it'll be couched rather as an emphatic request) something along these lines:

"We're going to build this house of....., aren't we?"

Why? Well, we folks who look for help really appreciate it when we get it. We feel kindly disposed towards those who give it. It is surprising that I am kindly disposed towards this co-operative association of manufacturers? (If editorial rules permitted, I'd come right out in school and call the name of this building material!)

To tell the truth, I do think the architect who is called upon to create my imposing (two question marks here, please) abode ought to be kindly disposed towards this association, too. Agreed?

## Personal Mention

**SAM BIDERMAN**, Architect at 1203 Athletic Club Building, Dallas, Texas announces he has installed an A. I. A. Filing System in his office and desires manufacturers catalogs with A. I. A. Filing Index.

**NAT O. MATSON**, Architect & Engineer, at 12621 Cedar Rd., Cleveland, Ohio, advises that he is preparing plans for a glass warehouse and an apartment building and will appreciate samples and literature from manufacturers.

**WILLIAM M. INGEMANN**, Architect announces the removal of his offices to 586 Endicott Bldg., St. Paul, Minn.

**THE EDWIN F. GUTH COMPANY**, St. Louis, Mo., announces a completely equipped new division for the manufacture of Artistic Hand Wrot Iron, Gates, Balconies, Grilles, Railings, Furniture, etc. under the supervision of Mr. J. J. Moher. Architects desiring catalogs on Hand Wrot Iron should communicate with this company or direct with this magazine.

**BRYAN & SHARP**, Architects of Dallas, Texas, announce the removal of their offices from the Athletic Club Building to 707 Construction Industries Building.

**RICHARD B. GAMBIER**, Architect announces the removal of his office from 817 Tribune Building, Tampa, Fla., to 201-02 Realty Office Building.

**PRINGLE & SMITH**, Architects of Atlanta, Georgia, announce the removal of their offices from 821 Atlanta Trust Bldg., to 1012 Norris Building.

**EDWARD FOURNIER BILLIE**, formerly of New York City, and more recently of An-niston, Alabama, and Tampa, Florida, wishes to announce that he is located in Atlanta, associated with Lockwood & Poundstone, for the practice of Architecture in the States of Georgia, Alabama, and Florida.

**AUGUST GEIGER**, Architect, Miami, Fla., announces the removal of his office from Calumet Building to 58 S. E. 7th St.

**CLARENCE MUELLER**, Architect of St. Louis, Mo., announces the removal of his office from 910 Title Guarantee Bldg., to 133 S. 11th St.

**A FRAZER ROSE** has formed a partnership with B. Kingston Hall, formerly of Toronto, Canada. The firm will practice under the name of Rose and Hall at 208 Sixth St., Miami Beach, Florida.

**MICHAEL MARGOLIN**, Architect, has removed his office to 105 Court St., Brooklyn, N. Y.

**JULIUS E. TARLING**, Architect, has moved his offices to 2806 North Grand Boulevard, St. Louis, Mo.

**FRANKLIN COX STANTON**, Architect, has removed his offices to the New Security Bank Building, Olympia, Washington.

**VICTOR BARK, Jr.**, and Erhard Djourup have formed a partnership for the practice of architecture at 21 East 40th Street, New York.



# Advertising for the Architect

By A. L. FERGUSON, *Technical Secretary,  
Structural Service Bureau, Philadelphia.*

## PART II.

### Editorial Note:

Part I, of this series of articles on "Advertising For The Architect" by Mr. Ferguson appeared in the January number. Mr. Ferguson in the January number outlined in a definite and most interesting way the characteristics of the average architect, his temperament, how his office works and the many problems to be solved in the architect's office. If you did not receive the January number write the editor of this magazine. Part III and the concluding article will appear in the March number.

**T**HIS brings our discussion then to the various means available of influencing the architect. For the purpose of clearness, three of the most important of these are listed below. The arrangement has nothing to do with relative importance.

- (1) Magazine advertising.
- (2) Direct-by-mail literature.
- (3) Sales representatives or missionaries.

Each of these divisions is more or less dependent for its success upon the other and the advertising manager should always keep before him the importance and, in fact, the vital necessity of an adequate tie-up of all three.

The subject of magazine advertising is one which presents a very wide range of approach. There are probably almost as many opinions regarding the value and means of advertising in trade publications as there are advertising managers in the country. Each has his own ideas on the subject and each is using these ideas to present his product to the architect. The results are in many cases far from those desired but all too seldom are the campaigns revised to accord with modern methods of selling as adopted in other lines. This applies particularly to architectural publication advertising.

Before entering into any detailed discussion regarding the above statement, let us try to determine what magazine advertising can hope to accomplish and what are its limitations. In the first place, magazine advertising should be looked upon as a means of developing a knowledge of the name of any particular product and good will on the part of the architect toward that product. Just as the sales of such manufactured articles as phonographs, cameras and chewing gum have grown through the manufacturer of any building material attempt to impress upon the architect or the specification writer the name of his product. It is second nature for the average person when thinking of phonographs to say "Victrola" or of cameras to say "Kodak." The results which have been accomplished by advertising for "Wrigleys" are too well known to need repetition here. Of course, such products have other means of reaching the general public than magazine advertising. But the principle is the same and the results should be proportionately similar if the advertising is prepared in the proper form to appeal to the architect.

Although some architects make a regular practice of studying closely the magazine advertising, claiming they can thus keep "up-to-date" on new products and devices, the average architect probably seldom sits down with any architectural magazine with the express purpose of reading and digesting the advertising appearing therein. The casual glance

which he gives to the advertising must suffice to impress upon his mind the name of a particular product or the advertisement must be so forcefully prepared and presented as to immediately attract his attention as he turns over the pages.

A second point which most advertisers desire to accomplish through their magazine advertising and one upon which they very often judge the merits of any particular publication, is the number of "requests for more data" resulting from their copy. It is rare indeed to glance at the advertising in an architectural paper and not find on practically every page the words "Write for further details", "Send for Specifications" and similar phrases, each of which is designed to give "leads" to the advertisers.

There are, in the architectural magazine field, certain publications which will give better results from the standpoint of numbers of requests than others. This fact is known and recognized by practically all advertising managers. The question remains, however, as to whether or not the advertising appearing in other publications which do not give as many leads, does not, in the long run, accomplish as good results.

The advertising manager or advertising agency preparing copy for architectural consumption should occasionally take architecture magazines which appeared 20, 15 or even 10 years ago and study the advertising appearing therein. It will be most interesting to note the change in methods of presentation, type, subject matter, illustrations and other features. This study will indicate immediately the trend of the type of appeal which can most advantageously be used for the modern architect.

In this connection, it will be noted that some firms are following the same arrangement of text and layout, the same kind of type and practically the same subject matter today as they used ten years ago and often it will be found that these firms are the ones which have been supplanted to a considerable extent by more aggressive and progressive competitors.

It is of course, impossible to set forth any definite rules which will always accomplish the results desired in magazine advertising but the following may be of interest. In the first place the appeal should be as striking as possible without being irrelevant. This may be accomplished in several ways. The use of color has, of course, become one of the fundamentals of modern advertising and it has been found that the average architect is attracted to a good color illustration more quickly and will give it better attention than by any other means. In this connection, however, the color illustration should always be the best obtainable. The art work and the color reproduction should never be crude or glaring. The architect is essentially a critic and for this reason, the better the art work and color, the more appeal the advertising will have. Cheap color work will, in practically every case, re-act unfavorably toward the product using it.

The same suggestions apply to the use of photographs, pen and ink drawings, pencil sketches and

detail drawings. These should always be as clear and clean cut as possible and, if finances permit, should be done by recognized artists.

One fault which is still altogether too prevalent in modern architectural advertising is the attempt to crowd too much within a given space. In almost every case this defeats the object of advertising especially if the text matter is long and complicated. The architect will seldom take the time to read closely printed text and as a result, the space may be practically wasted. With regard to typography, it should be remembered that good type, clean cut and easily read, is essential.

It will be most enlightening to the advertising manager if he will take a current architectural publication and compare the advertising therein with the advertising appearing in such publications as "Good Housekeeping", "Vogue", "Harper's Bazaar" and such magazines. The difference in treatment, approach, arrangement, typography and illustrations is at once apparent. The advertising appearing in such magazines is arranged and studied carefully to have a direct appeal to the feminine mind. The pages are seldom overloaded with text, the illustrations are almost always most artistic and the message can usually be caught at a glance. Consider the foregoing points and then study some of the advertising appearing in the architectural publications.

It may quite properly be said that there is considerable difference in preparing copy for the class of readers of the type of publications mentioned above and the architect. This is admitted but there still remains the fact that the architect is an individual whose senses can be reached by much the same means as can the layman and there is no doubt but that advantage is being taken of that fact by the more successful advertisers.

Many authorities on magazine advertising to architects maintain that working drawings showing methods of installation, application, etc., are particularly valuable in their appeal. This may be the case for certain products but under ordinary conditions the space does not permit large enough reproductions or enough explanatory text to "sell" the architects on the material through this one medium only.

It should be axiomatic not to attempt to accomplish too much or "cover too much ground" in magazine advertising.

Now let us consider that field of advertising in which there exists probably the greatest of all waste, namely—the direct-by-mail advertising of the building material manufacturers to the architect. Direct-by-mail advertising usually means sending some form of literature describing a particular product directly to the addresses by mail. This literature may take the form of catalogues, folders of almost any shape, size and description, leaflets, blotters, broadsides, form letters which may be printed, multi-graphed, mimeographed, typed or otherwise duplicated by any one of many methods.

In view of the numerous favorable reports and analyses of the subject, there can be no doubt that direct-by-mail advertising exercises a considerable influence over the purchasing complex of the average individual. With this direct-by-mail advertising to the average person, we have no quarrel but as has been previously pointed out, due to his training and type of work, the architect must be approached in a

slightly different manner than the average person, at least in this particular phase of the advertising problem.

Sometime ago we received a letter from a very prominent architect in which he discussed at considerable length the waste in the distribution of calendars each year by the manufacturers of building materials. Because his letter states the problem very clearly and also sets forth the attitude of the typical architect toward this waste. I quote extracts from his letter below:

"Every day now, long pasteboard tubes arrive in the mail, each one containing about a dollar's worth of paper, together with about the same amount of printer's work. On top of that is the matter of preparing for mailing—addressing, postage and the incidental work of the post office employees.

"These calendars go from the post office box across to the office waste basket. No architect has any use for them. They simply remind him of the high cost of tracing paper, blue print paper, detail paper and stationery paper, 'because of the scarcity of paper stock.'

"In every town, the local merchants send out calendars sufficient to provide for the local architects. Besides, every architect has his combination 'desk calendar and memo' that he buys. He doesn't need these other calendars.

"The same amount of paper stock in the form of pads for notes, sketches, etc., would be quite acceptable, because useful. Pencils, erasers, scales, if of proper quality, would also be appreciated.

"Yet, I believe most of us would prefer 'rock bottom prices on building materials and no favors' since that would help 'work'

"If they must spend money in advertising, tell them to give us 'information' about their material. By information, I do not mean information as to where it was used and how fine it looks. I mean information as to what to look out for and how it may cause trouble.

"Every manufacturer of building materials has a long story to tell if he will only tell it. Let him use paper stock for this purpose instead of for calendars."

As this architect has pointed out, the manufacturers of building materials have a vast amount of information regarding their particular products which the architect must know before he can properly specify and use that product. It is therefore the duty of the manufacturer as well as his best selling point to provide the architect with that information.

In discussing the subject of direct-by-mail advertising, perhaps it will be well to divide this type of advertising literature into two classes. The first of these may be designated for the purpose of convenience as "Throw Away" literature and the second "Retained" literature.

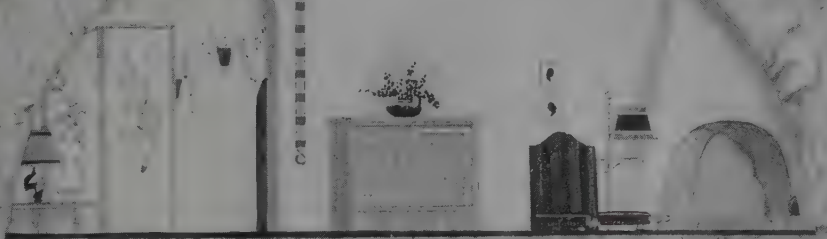
Unfortunately in preparing an advertising program the manufacturer and his advertising manager or agency rarely study the problem from these two angles and then prepare his literature accordingly. If they did, there would be probably very little complaint about the direct-by-mail advertising sent to the architect.

We have previously discussed the average day of the average architect who does not have a large office. In that analysis it was pointed out that when the architect is reading his mail, his mind is almost



Reg. Applied for U. S. Pat. Off.

RUFKOTE



## PLASTIC STONE *for Interior Walls*

THE warmth of Spain, the romance of Italy, the splendor that was Rome, and the quiet elegance of Colonial days—all these historic wall effects and many others of modern novel types are easily recreated with this new plastic stone.

### *Backgrounds of Enduring Charm*

are easily produced with RUFKOTE—favored by Painters, Decorators and Architects because it contains many distinctive qualities and exclusive features.

RUFKOTE sets extremely hard and is not easily marred. Bold effects can be used without danger of cracking, shrinking or wilting. RUFKOTE is prepared with cold water and is easily applied to walls.

*Send for actual samples and  
illustrated booklet of detailed  
information.*

**H. B. WIGGIN'S SONS CO.**

*Established 1868*

Bloomfield

Arch Street

New Jersey

4860-64 So. Halsted Street, Chicago, Ill.



*Italian Effect*



*Spanish Palm*



*Roman Travertine*



*Colonial Stipple*



CONSTRUCTION



Quick setting Compound for cement. Saves time, labor and money. Hardens and Waterproofs in same operation. Freeze-proof. Made in Colorless liquid or all colors. Used on 2769 different cement contracts.

WALLS



A Waterproof Portland Cement Paint that sticks to Stucco, Cement, Brick, Plaster and all masonry surfaces. Mixed with water instead of oil. 14 colors.

ROOFS



Asbestos Fibre Cement, Liquid or Plastic, all colors. For repairing or renewing roofs, caulking or glazing glass, chimneys, skylights, etc.

FLOORS



Crystals or Liquid. Hardens cement surfaces, new or old. Stops Dusting. Oil-proof. Acidproof. Applied overnight. Makes Concrete floors wear longer. 2,180,000 sq. ft. used.

**"Sully" the Chemist says—**

**Build, Beautify and Preserve**

---with Sulco Products

**Konset** to Quicken the set of cement, even in freezing weather; to harden and waterproof, in the one cementation.

**Kontite** for beautiful, everlasting cement painting, in any color.

**Kant-Leak** for permanent roof repairing; for making new roofs of every description weather resistant.

**Kemi-Kal** to insure hard, dustproof, stain-proof concrete floors. KONSEAL, where color is also desired.

—these are but five of the half hundred scientifically sound compounds, waterproofings and technical paints produced by the Sullivan Co. for aiding construction, beautifying and preserving wood, metal or concrete. Ask, on your letterhead, please, for the Sulco catalog which fits so easily into your regular correspondence file. See Sweet's Catalogs.



Concentrated paste waterproofing, full strength, that accelerates and waterproofs in the same operation, to be mixed with the gauging water.



Permanent colors that harden, accelerate and waterproof in the same operation. Made in all colors, paste or powder.

**The SULLIVAN Co.**

Memphis, U. S. A. Montreal, Can.

**SULCO PRODUCTS**  
Constructive and Protective Compounds



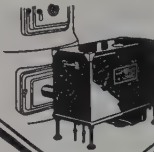
## To the Architect from Missouri

who has time to investigate, this is our offer: We'll gladly co-operate with you in any reasonable test or demonstration of the Hart Oil Burner.

To the architect desiring quick action on a home heating plant, we offer convincing evidence of Hart owners—the test of long continued use.

Listed as standard by Underwriters' Laboratories, Inc.

Booklet on Oil Heating gladly sent upon request



## HART OIL BURNER

W. B. WILDE CO.

2161 North Adams Street  
Peoria, Illinois

## HOW AMP DOORS ARE MADE



### Talk No. 4 on Building AMP METAL-COVERED DOORS

To protect doors in shipment and place them on the job in the best possible condition, every AMP Metal Covered Door, together with the material that goes with it, is given a priming coat of paint before leaving the plant. A shipment of doors soon to be packed for shipment is here seen receiving the protective coat. It is the care and attention to unusual details like this that make AMP Doors superior.

Write for our Metal-Covered Doors Catalog which gives Complete information on AMP Metal-Covered Doors

ARCHITECTURAL METAL PRODUCTS, INC.

Formerly THE PROBERT SHEET METAL CO.  
METAL-COVERED DOORS MARQUISE  
COVINGTON, KENTUCKY



necessarily occupied with many other subjects relating to the work in hand. He cannot give either adequate or proper attention to each piece of literature that crosses his desk. He cannot take the time to carefully select those worth while retaining for his files and those to be immediately consigned to the waste basket. It is natural therefore that he should throw away much good material which should be retained, simply because he cannot take the time to study it or afford to maintain the large filing equipment which would be necessary to properly classify and file all the literature which he receives.

It behooves the advertising manager to keep these facts in mind in preparing his literature for architectural consumption. Before preparing a piece of copy, he should decide the exact purpose of the copy, whether it is to be "Throw Away" literature or "Retained" literature; i e., whether it is intended to merely impress the name of the product upon the architect by means of illustration showing the product and its uses, by quotations or testimonials from architects who have used the product, etc., or whether the literature is to be prepared in such form that it contains essential information which the architect should maintain in his files for reference when he decides to specify that product.

"Throw Away" literature usually takes the form of postal cards, folders in various shapes and sizes, letters, leaflets, etc. The main purpose of this material in the last analysis is to bring home to the architect the fact that "So and So's" product is the one he should use in preference to others in the same field. Before preparing this type of copy, the advertising manager should consider whether he is willing to have the literature merely glanced at by the architect and immediately consigned to the waste basket and whether the investment in time of preparation, printing, engraving, addressing and postage will be justified by this casual glance. If he decides that the investment is small and that if only a dozen architects out of a mailing list which may contain 8,000 or 10,000 names should use his product, then he should proceed to draft his copy accordingly.

There are doubtless many different opinions as to the value of this "Throw Away" literature. It is the opinion of the writer that in very few cases is the investment warranted by the results. The writer feels that this amount of money applied toward a well designed, well prepared publication describing the material and setting forth methods of use, etc., will be far superior in reading power to any amount of "Throw Away" literature but many advertisers and agencies do not feel this way. It may perhaps therefore be advisable to study for a moment the various types of "Throw Away" literature which are received by the average architect every day.

First of all, the large "broadside." This, of course, may take any number of variations of forms. One of the most common is to have printed upon a sheet, large enough to cover the top of an ordinary desk, cer-

tain facts regarding the material, sales arguments, etc. This sheet may be folded as many as six or eight times and usually contains on the outside the address of the architect and some phrase or word which the advertising manager believes is clever enough to attract attention and encourage opening of the folder.

It might be said in passing that these catch words seldom relate to the product and often give absolutely no indication of the material mentioned within the folder. This is usually bad because, in probably 9 cases out of 10, the architect will throw the folder into the waste basket without knowing to what it refers or attempting to unwind the numerous creases and folds which make up the sheet.

Another favorite method of direct-by-mail advertising is a letter accompanied by one or two folders, leaflets, usually in small sizes, or cards on which are printed various pieces of information regarding the material which in the last analysis did not say anything except what a wonderful product it is. The letter, if opened at all, is usually addressed simply to the architect and is obviously a duplicated letter of some form or other. The architect seldom gets beyond the first word or two and in many cases never opens the leaflets.

It would be almost impossible in an article of this kind to describe all the various forms of advertising which ultimately reach the architect's desk. They are far too numerous to mention but the destination is usually the same—the waste basket, and they seldom receive even the glance necessary to impress the name of the product upon the mind of the recipient.

So much for the destructive criticism of this type of literature. Now for the constructive side. What form should this "Throw Away" literature take in order to be impressive to the architect and to receive more than a casual glance? The principles previously laid down for advertising in magazines apply very well here. In the first place the size of the literature should be standard, it should be convenient to handle, the printing should be the best obtainable, the type should be clear cut and distinct, the illustration should be attractive and long sales arguments should be omitted. Illustrations showing structures in which the material has been used may be of some value if of good architectural character and designed by prominent architectural firms. The illustrations should give not only the name of the architect but the name of the contractors, the date upon which the building was erected, the amount of the particular material used in the structure and a report upon its present condition after years of service. Long paragraphs should never be used and headings indicating the subjects mentioned are valuable.

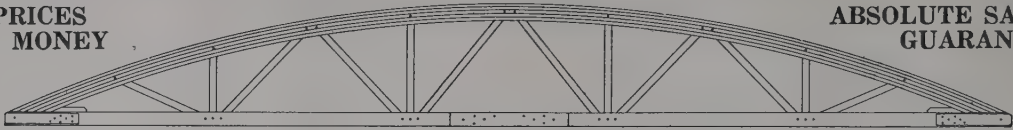
Elaborate color illustrations are not so necessary here as in the other phase of advertising. The architect will probably never retain the folder because of the illustrations as most architects maintain a file of the plates of current work appearing in the architectural magazines.

The foregoing are only a few thoughts. If the

**REED-POWERS CUT STONE CO., INC.**  
**CUT STONE CONTRACTORS AND QUARRYMEN**  
**BEDFORD, - - - INDIANA**

## AMERICAN WOOD BOWSTRING TRUSSES Built on Job by Us. Erection Optional

**GET PRICES  
SAVE MONEY** **ABSOLUTE SAFETY  
GUARANTEED**



Wood Bowstring Trusses Exclusively **AMERICAN ROOF TRUSS CO.,** LaSalle & Madison Sts., CHICAGO

advertising manager will put himself in the position of the architect, he will realize that there are many effective methods of preparing this literature which it is not intended will be retained. At the same time, it will accomplish a definite result by impressing upon the architect's mind the name of the product, the extent of its use and the service which it gives.

There is another phase of this "Throw Away" literature which should be impressed upon the advertising manager. This is the necessity for an adequate follow-up system. The only means by which "Throw Away" Literature will be of value is by repetition. If a campaign of this kind is started, it should be followed to a definite conclusion along a certain program which will embody a definite follow-up system. Repetition of the name of the product by various types of folders and other pieces of literature will eventually make an impression upon the architect but one piece of literature or even two or three may be considered as practically wasted. A campaign of this kind should be planned to extend over a period of at least 6 months and preferably a year with pieces of literature mailed at certain predetermined times depending upon the nature of the product, the advertising appropriation and other controlling factors. *(To be continued.)*

**ARCHITECTURAL DRAFTSMAN**, age 36, University graduate, fourteen years practical experience. Can handle work from preliminary studies to finished drawings. Capable designer and detailer. Work in polychrome or black and white studies. Desire connection in either large or small office requiring senior help. Can assume charge of drafting room and assist with specifications. Prefer location where effort and ability with results will bring permanency with future consideration. Service available immediately. Write Southern Architect & Building News, Box 1598, Atlanta, Ga.

### NEW COMPANY ESTABLISHED.

**AMONG** the recent manufacturing industries located in Baltimore, Maryland is the **LANE JOIST HANGER COMPANY** manufacturing Timber Hangers, Wall Anchors and kindred pro-

ducts. This will be particularly welcomed by architects and engineers, construction contractors, etc., in the Eastern as well as Southern States who have not hitherto had such a convenient source of supply of this material.

As we understand this is a very enterprising concern, we suggest that those of our readers interested in miscellaneous material of this kind should communicate with them.

### PECORA PAINT COMPANY ELECT OFFICERS

"At the Annual Meeting of the Stockholders of the Pecora Paint Company, held at its offices at 4th & Sedgley Ave., Philadelphia, Pa., on Tuesday, January 17th, Mr. S. B. Bowen, Sr., resigned as President of the Company, and was made Chairman of the Board of Directors. Mr. Bowen has been actively connected with the Company for the past 54 years, and its President for the past 15 years. The Company has been in existence for 65 years, having been founded in 1862 by Smith Bowen.

"Two new Directors were elected to the Board Mr. Laurance Bowen, and Mr. Frank G. Pate.

"The new Board of Directors elected the following Officers for 1927: Mr. S. B. Bowen, Jr., President, Mr. Laurance Bowen, Vice President, Mr. J. H. Johnson, Secretary and Mr. J. J. Schisselbauer, Treasurer.

"In the evening the Stockholders attended the Annual Banquet held at the Pelham Club in Germantown, Phila., Pa. The Banquet was followed by a comedy in three acts giving a parody on the activities of the different Stockholders shown in miniature."

**ASMUS AND CLARK**, architects, Nashville, Tenn., announce the removal of their offices to 1415-18 Nashville Trust Bldg.

## PENNSYLVANIA STRUCTURAL SLATE CO., Inc.

**BLACKBOARDS  
STRUCTURAL SLATE  
FOR ALL PURPOSES**

General offices: 1st Natl. Bk. Bldg.  
EASTON, PA.

*"Yours for Prompt Service"*

**CLOSET STALLS  
SHOWER STALLS  
URINAL STALLS**



## The IMPROVED BKS Door Check

Fully Guaranteed. Easily applied. Accurate adjustments by side screw and lever. Most powerful check on market, size for size. Lower in price. Fine bronze finish. All sizes for all doors. All spare parts and brackets in stock; 100% service. Ask your dealer about the B K S or write direct.

United Hardware & Tool Corp.

72 Reade Street  
NEW YORK CITY



## THE CUTLER MAIL CHUTE

*Contracts, on the form required by the Post Office Department, are written in all cases, to cover the equipment complete ready to be turned over to the Government for Post Office use. Rough floor openings are not included and are usually provided for in the General Masonry Specification.*

*Send for Details GX 8 and 9*

CUTLER MAIL CHUTE CO.

GENERAL OFFICES AND FACTORY

ROCHESTER, N.Y.



## LIGHTING FIXTURES

Exclusive Designs  
Bronzes and Wrought  
Iron Work

for architects who seek individuality in design and excellence in Craftsmanship.

Walter G. Warren & Company

351-363 E. Ohio St., Chicago

## Caseament Adjusters "The Flexostay"

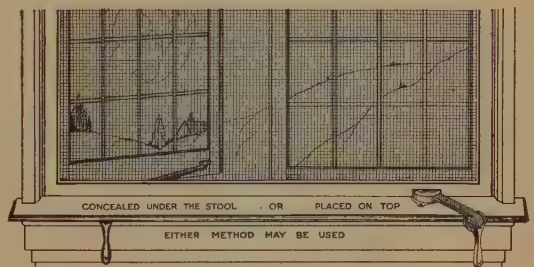
OPEN—CLOSE AND LOCK YOUR  
CASEMENT WINDOWS WITHOUT  
TOUCHING THE SCREENS

The New Flexostay Adjuster  
MAKES THIS POSSIBLE.

No Gears—No Rattle—No Separate Parts. Easy to Install—Pleasing in Design and Finish. Solid Brass or Brass Plate.

Sole Manufacturers

United Specialty Mfg. Co., Ltd.  
RICHMOND HILL NEW YORK CITY



MAKERS OF CASEMENT WINDOW ADJUSTERS SINCE 1910. MANY OTHER TYPES. CATALOG ON REQUEST.

## STRUCTURAL STEEL ORNAMENTAL IRON REINFORCING STEEL

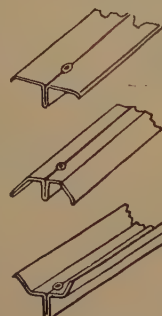
We have in stock for immediate shipment  
Angles—Beams  
Channels—Tees  
Bars—Bands  
Sheets—Plates—Reinforcing Bars and Mesh  
—Checkered Floor Plates—H Sections.

DIETRICH BROTHERS

BALTIMORE, MD.

REFERENCE BOOK SENT ON REQUEST.

## Tight Joint Binders Cut Your Costs



You will find that "Tite-Joint" Metal moulding saves material, time and labor and makes better jobs of fastening and joining wall board and insulating lumber.

"Tite-Joint" binder strips make a smooth, airtight connection at all wall board joints and insure an even surface for papering and decorating. Because their sharp edges are embedded in the wall board, they prevent expansion and shrinkage of surface material.

"Tite-Joint" joiners are furnished in standard and special lengths made in three shapes: for the flat wall, for outside corners and for inside corners.

Send for a descriptive folder on  
Tite-Joint Rust-Proof Metal Moulding

Tight-Joint Metal Binder Co.,  
4523 Shaw Ave. St. Louis, Mo.

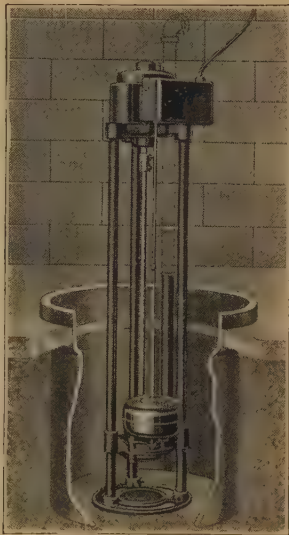
Pat. Oct. 23, '23

Announcing  
*The Rathbun*  
 New Serie  
*Sump Pump-*

INCORPORATING THE FOLLOWING  
 IMPROVEMENTS—

- Repulsion Induction *Vertical* Motor.
- Nine (9) inch higher assembly.
- Heavier Drive Shaft.
- Heavier tube assembly.
- "Penn" Float Switch.
- Packing and Gland on Shaft Bearing.
- New Design Float Rod (float removable without disassembling pump).

*Write for further details - NOW*



*The Rathbun Co.*

1036 Beaubien St.

DETROIT, MICH.



FLOORS

*of*

CALIFORNIA REDWOOD BLOCKS,  
*manufactured by*

THE PACIFIC LUMBER COMPANY

*and installed by*

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Architects and Builders of long experience are rapidly finding it a savings to turn their Ornamental Iron Jobs over to Williams. True economy is no longer indexed by the sharpness of a pencil point on an estimating blank but more so by a carefully tabulated cost of the finished job. Measured by such a rule you will find that Williams' Jobs always come out right. And what's more—you will be relieved of the usual headaches when completion time draws near.

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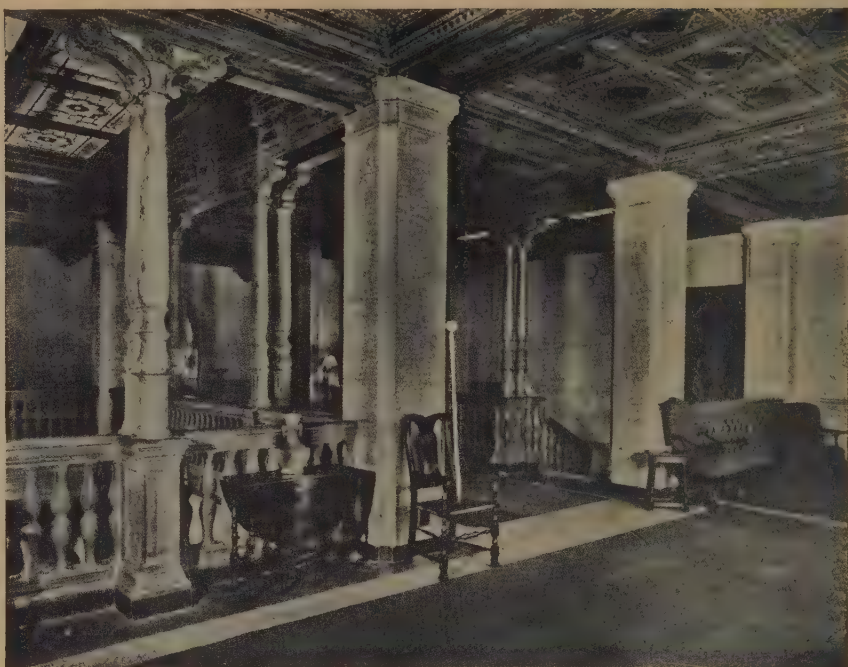
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machines beat  
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Our machine enables you to make the “Waterseal,” a roof tile that has no superior. And the demand which exists for such roofing enables you to sell the tile at an unusually liberal profit. “Waterseal” tile offers a real opportunity to men of reasonable ability and moderate capital. It will pay you to investigate.

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BUILDERS FOR PERMANENCE  
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Practically all of the Prominent  
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Work equally well with Metal or  
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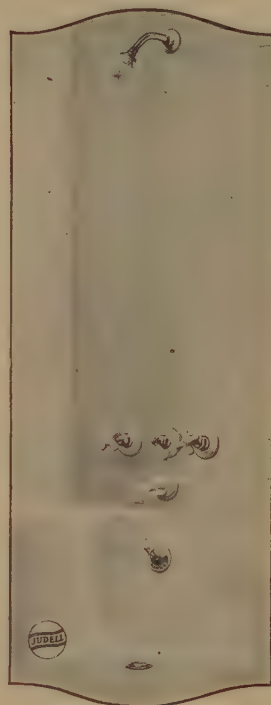
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Shower and Tub Fixture

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Scalding and Cold Shock  
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Easier to Install

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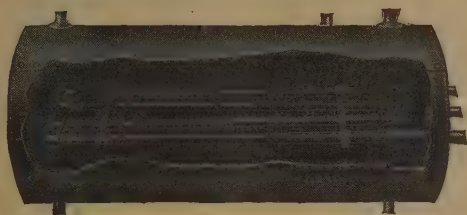
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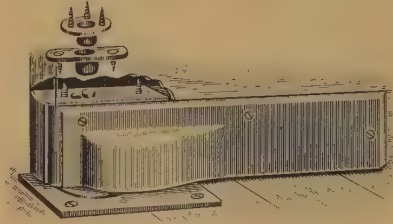
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It is the original and only genuine double-acting, ball bearing surface floor hinge—controls swinging doors perfectly and can be used on any floor. The cheapest hinge that money can buy when quality and efficiency are considered.

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**BECAUSE** great care has been given the tamping device to insure the needed pounding weight to make perfectly hard packed, perfect formed cement brick that will stand all building law tests.

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We will gladly tell you more about this wonderful lock and YOUR OPPORTUNITY.

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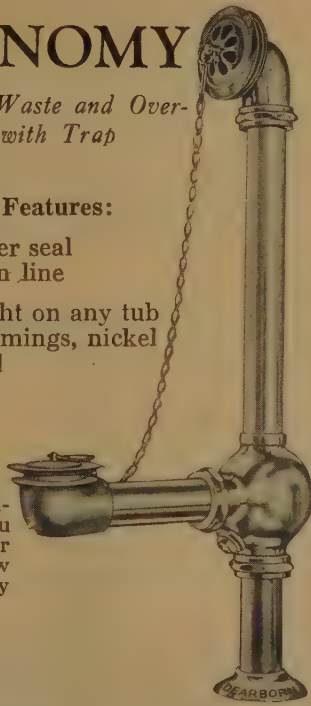
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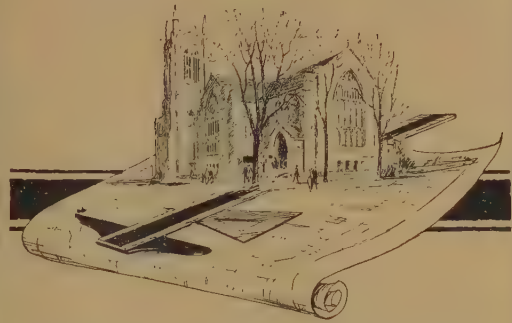
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Mounted on skids, or trucks with engine. We can supply you with the type of mixer best suited to your class of work. Any form of mixtures, dry, semi-dry, wet or slush. Our stationary DRUM MIXERS will also handle mason mortar and hard wall plaster. Guaranteed to give satisfaction. Ask for our folder, FACTS instead of FICTION.

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Personally, wouldn't you prefer an efficient control of light and perfect control of ventilation and at the same time keep out objectionable rays of the sun while preventing drafts, to the now antiquated method of using shades or awnings?

Better look into Burlington Venetian Blinds! Their efficiency will surprise you.

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the Sun  
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*Prevent Drafts  
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Put the BULL DOG  
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**EIGHT** thousand clips anchor the floors over concrete in this building which is the sixth in which the White Construction Company of Boston has used Bull Dog Floor Clips. Six jobs from one contracting firm give powerful evidence of Bull Dog reliability.

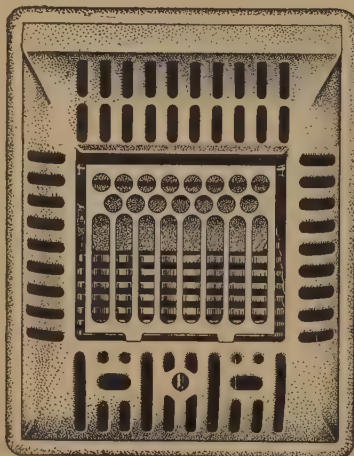
*Write for samples, installation charts and cost data to complete your files.*

**Bull Dog Floor Clip Co.**  
108 North First Ave.,  
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*Distributors in principal cities*

## BULL DOG Floor Clips

ANCHOR WOOD FLOORS TO CONCRETE

## For Natural or Artificial Gas



### QUAD WALL HEATER No. 2

We can now furnish this heater in a beautiful Mahogany as well as the Pure White Porcelain Enamel.

For climates not subject to extreme cold one of these heaters installed in the living-room, sun-room or hall will solve the heating problem and is never unsightly or in the way. The burner and burner-box is of the well-known reflector type and at no time does the flame touch the metal to cause carbon deposits and monoxide gas.

A double-control valve is provided which eliminates the hazard of varying gas pressures.

Every heater carries the approval of The National Board of Fire Underwriters.

*Write for full descriptive circular.*

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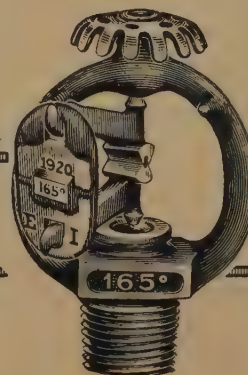
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### C. S. B. Approved Sprinkler Heads

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*FUTURE growth and new office requirements are provided for when Mount & Robertson's Office Partitions are specified. For these partitions are easily rearranged without muss, delay, or confusion.*

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MANUFACTURERS OF

Patented

Shower Stall Doors

Metal Medicine Cabinets

Rolling Fire Place Screens

Rolling Fire Place Blowers

22nd Street &amp; Glenwood Ave.

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RIXSON



Fig. 1

sash in any position and is powerful enough to overcome binding and rattling. Screens and curtains may be hung inside without interfering with operation.

Simple, strong, practical and absolutely guaranteed: an asset to the popular outswinging casement. Placed on top or within the framework as shown in figures 1 and 2.

Circular upon request.



Fig. 2

CASEMENT  
OPERATOR

This Operator has been on the market six years; has been used from Coast to Coast in all sorts of buildings—both public and private—so we will simply state here that it opens and closes Outswinging Casement Windows from within, locks the

THE OSCAR C. RIXSON CO.

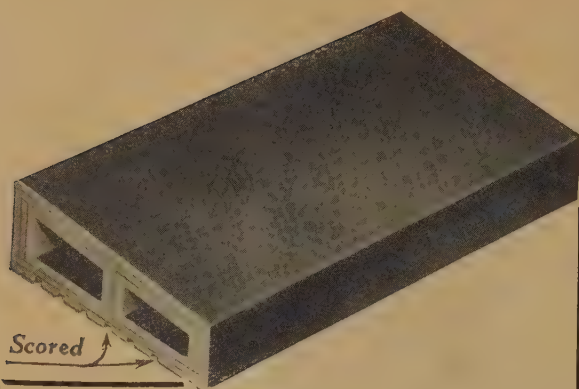
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Kerlow is all steel and cannot crack nor disintegrate like concrete floors; Kerlow cannot wear smooth nor slippery like wood, or plate floors, and Kerlow floors need not be swept. Drop us a line and we will be glad to tell you about our many installations.

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Vitrified Salt Glazed Clay Wall Coping is the most economical Wall Coping obtainable, because it resists all destructive elements acting on an exposed wall. Rain, heat, frost, snow or acids cannot affect the everlasting and impervious Vitrified Salt Glazed Clay from which Dickey Wall Coping is made.

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in a cellar drainer? He wants one that will work well, without attention, and he wants it at a reasonable price. Sell him a Penberthy Automatic Cellar Drainer, Improved Model "R"! It will fill the bill.

What you want is one that will satisfy your customer, cause you no after trouble and allow a nice margin. Penberthy will do it.

*Your Jobber can supply you.*

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**"RAGTEX"**

## Face Brick

**A** BEAUTIFUL Shale Rough Texture Brick with a Wide Range of Color. From Rich Dark Reds through the Lighter Soft Tones. The Combination produces a Most Striking and Artistic Effect.

We also Manufacture High Grade Shale Common Building Brick.

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*Guaranteed for 5 years.*

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## The Luzerne Seat

For your better grade jobs you will make no mistake in using the "Luzerne" Seat of hard rubber. Being made without a joint of any kind and with a finish that is just as permanent as the seat itself, it is without equal for durability and appearance.

Made in a wide variety of types to fit any kind of a bowl. Ask your jobber or write us for prices.

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Manufacturers of Luzerne Hard Rubber  
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Consult Sweet's (1926-1927—Page C2294)  
Consult Domestic Engineering Catalog Directory,  
1926, pages 300 and 301



**Quality  
Finish  
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No Up-Keep**

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*Manufacturers of*

HIGHEST GRADE  
WINDOW  
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*Combined with snappy  
S-E-R-V-I-C-E*

FORT SMITH, ARKANSAS  
LARGEST PLANT OF ITS KIND IN THE COUNTRY



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THEY are absolutely waterproof and sanitary, and their dignified beauty enhances the attractiveness of the most inviting baths.

IN a word, C & S Doors are INDISPENSABLE.

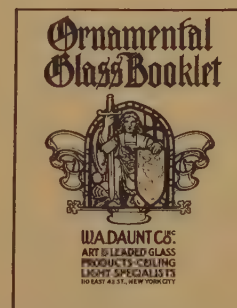
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Heat when and where you want it, with absolute Cleanliness. Consider the results—Economy—Comfort—Convenience. With a FRANKLIN you safeguard comfort and health and heat the better way.

Built to last as long as the building in which it is installed. Furnished in low and high types.

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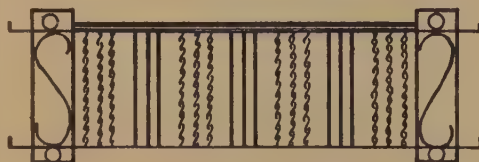


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Anything in Orna-  
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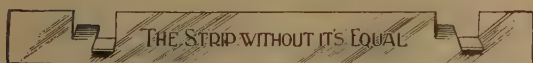
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Contains no acid. Therefore cannot injure concrete or steel. Forms a bond stronger than the concrete itself.

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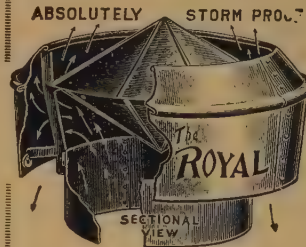
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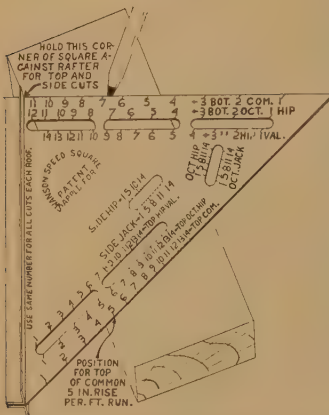
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We will send you a sample order of 100 signs, size 14 by 20 inches, and wording, printed on either white or yellow stock for only \$9.00. Send for samples and prices on other sizes.

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ANY SIZE ERECTED  
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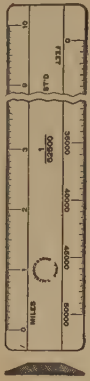
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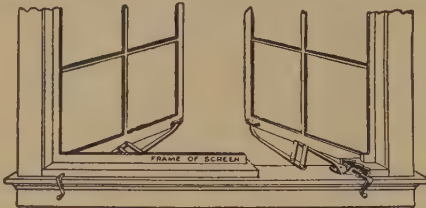


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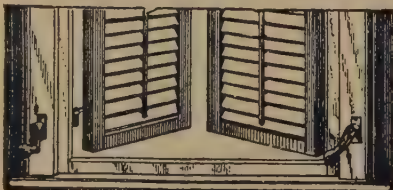


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Mallory Shutter Workers fill a need long felt. There is no chance of damage to curtains or floor coverings when the Shutter Worker is used as the window does not have to be opened to operate the shutter. It is all done from inside with a small ornamental crank

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*for*  
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**T**HE "DELIVER-COLLECT" built-in wall mail box will help you sell your houses. Home buyers everywhere are looking for new, attractive and practical features which will add to their convenience. Women especially are taken by this safe and permanent mail receptacle. It means that they don't have to go out or stop and wait for the postman in order to mail a letter.

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"Deliver-Collect" Mail Chutes are made in ten different models adaptable to all kinds of structures.

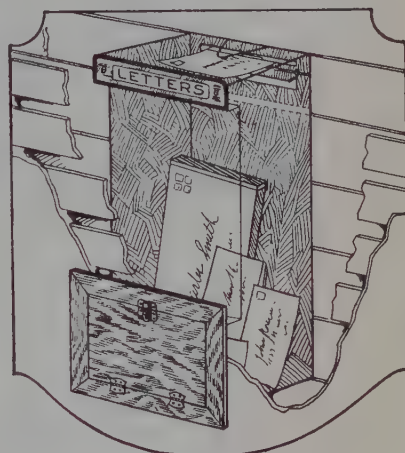
Model F-1 is a special type box with an adjusting arrangement made to fit any wall thickness on frame and stucco houses.

The Horizontal Type, Model B-1, is for walls of brick, cement blocks, brick veneer, hollow tile, etc., and is made to fit exact brick sizes.

The upright or vertical type chute, Model B-11 is usually used on narrow wall spaces in certain kinds of Duplexes and Flats. For brick, cement blocks or stucco walls.

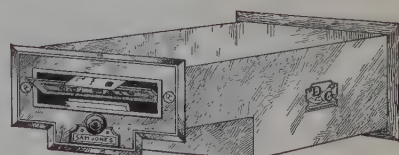
You will find these "Deliver-Collect" Mail Chutes ornate, easy to install and a great asset in selling the houses you build. Send the coupon for illustrated descriptive folder on "Deliver-Collect" Mail Chutes.

AMERICAN DEVICE MFG. COMPANY  
 4527 Shaw Ave. - St. Louis, Mo.



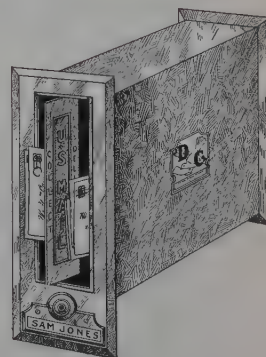
Model F-1

Cross sectional view. Special type box for frame or stucco faced walls. Brass face plate  $5\frac{1}{4}'' \times 9\frac{1}{2}''$ , receptacle  $3\frac{1}{2}'' \times 8\frac{1}{2}'' \times 16''$ . Adjustable to wall thickness from  $5\frac{1}{8}''$  to  $6\frac{3}{4}''$ .



Model B-1

Horizontal type box for walls of brick, cement blocks, brick veneer, hollow tile, etc. Brass face plate  $5\frac{1}{4}'' \times 9\frac{1}{2}''$ , receptacle  $5'' \times 8\frac{1}{2}'' \times 13''$ .



Model B-11

Vertical type for brick, stucco, cement blocks, walls where space is narrow. Brass face plate  $4\frac{1}{2}'' \times 10\frac{1}{4}''$ , receptacle  $4'' \times 8\frac{1}{2}'' \times 13\frac{3}{4}''$ .

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It is Handy to Set  
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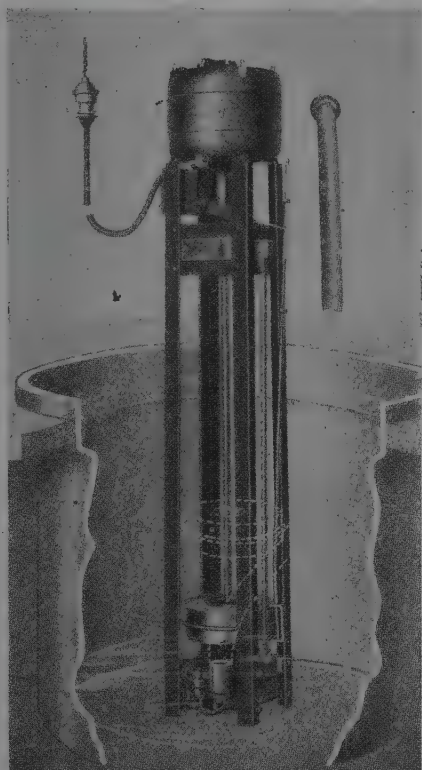
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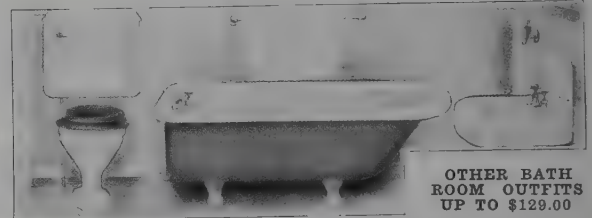
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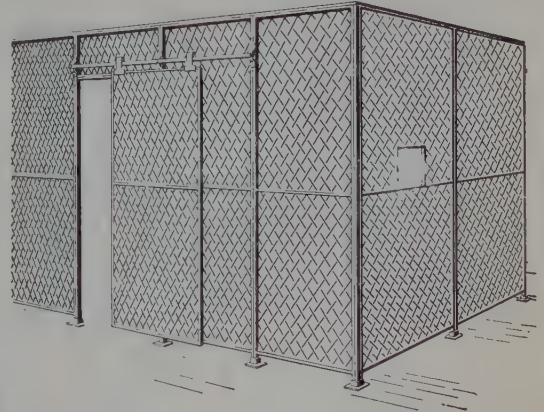


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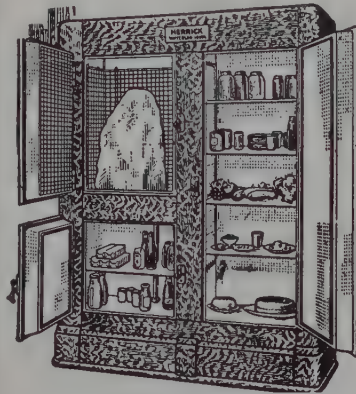
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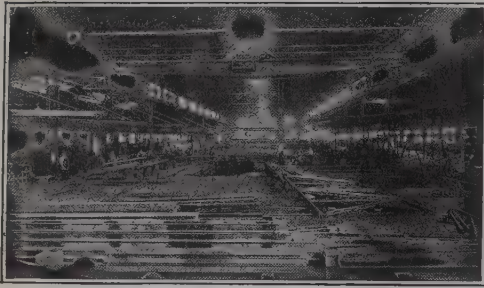
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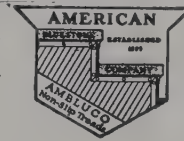
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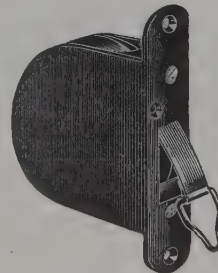
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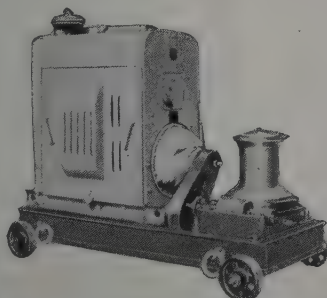
440-42 W. 42nd St.

New York City

## WINCHES

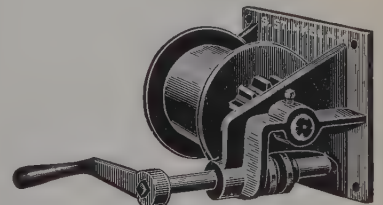
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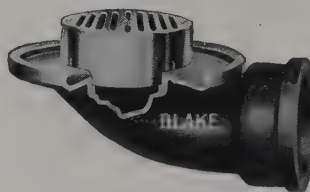
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See Alphabetical Index Page 94.

FOR THE SERVICE OF ARCHITECTS, ENGINEERS, CONTRACTORS, AND BUILDERS.

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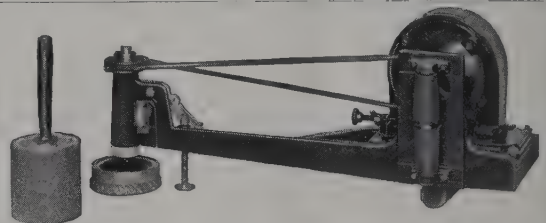
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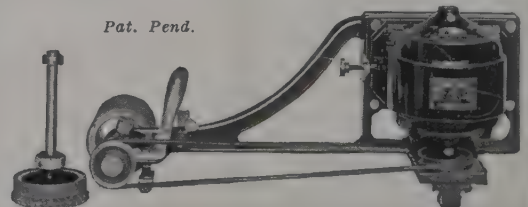
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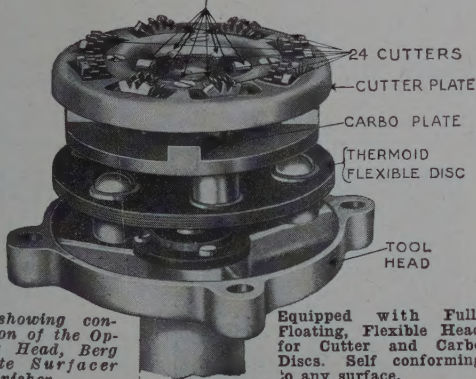


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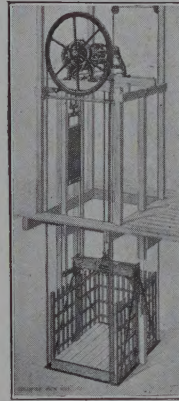
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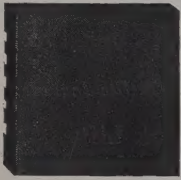
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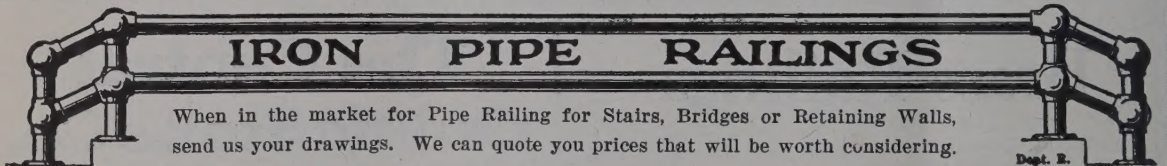


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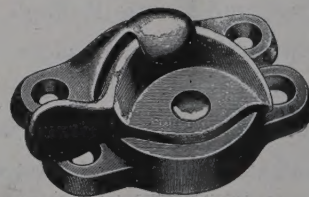
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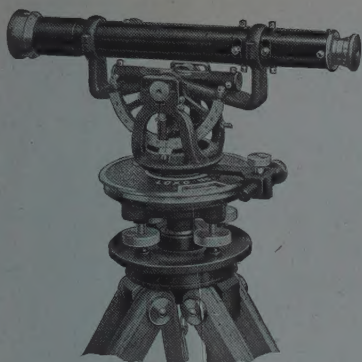
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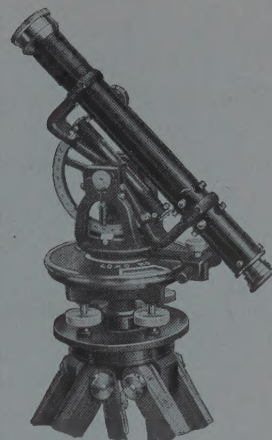
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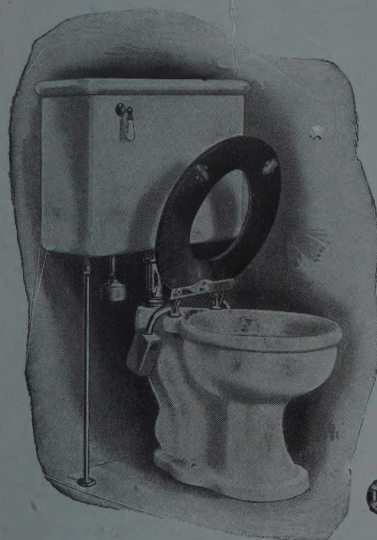
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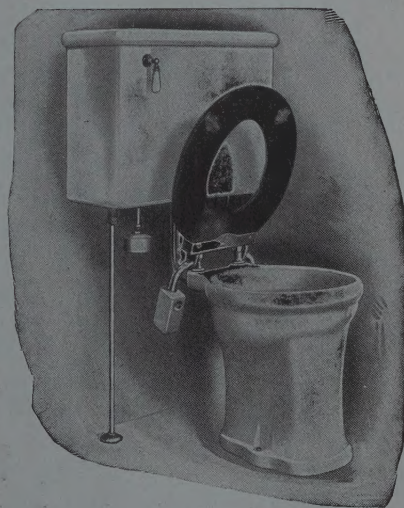
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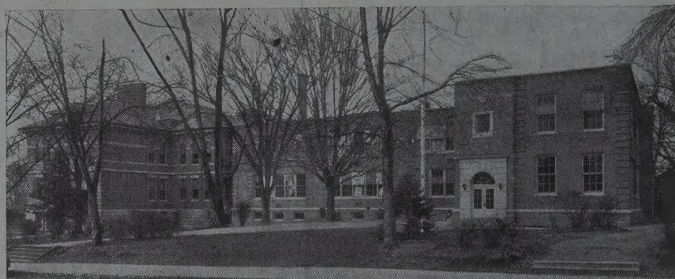
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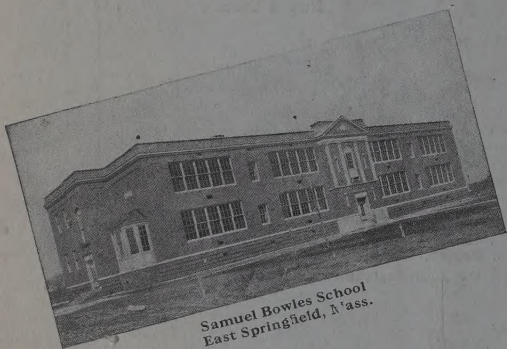
PHILADELPHIA, PA.



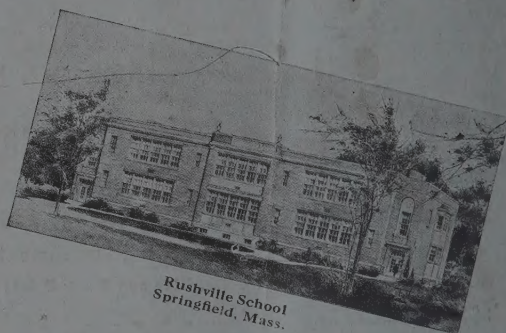
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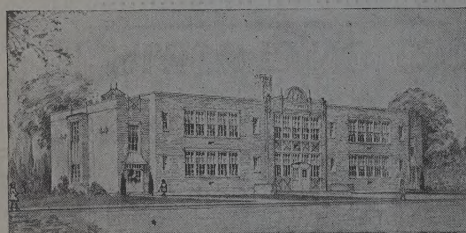
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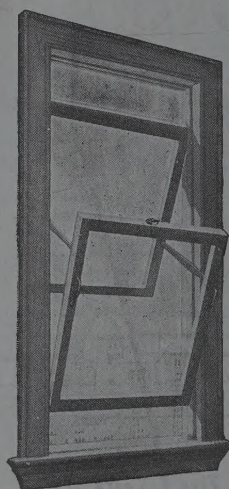
Samuel Bowles School  
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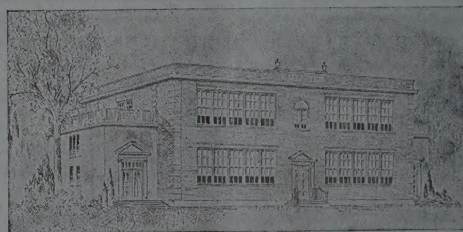
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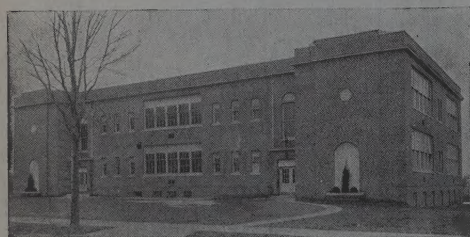
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